

SHARP®

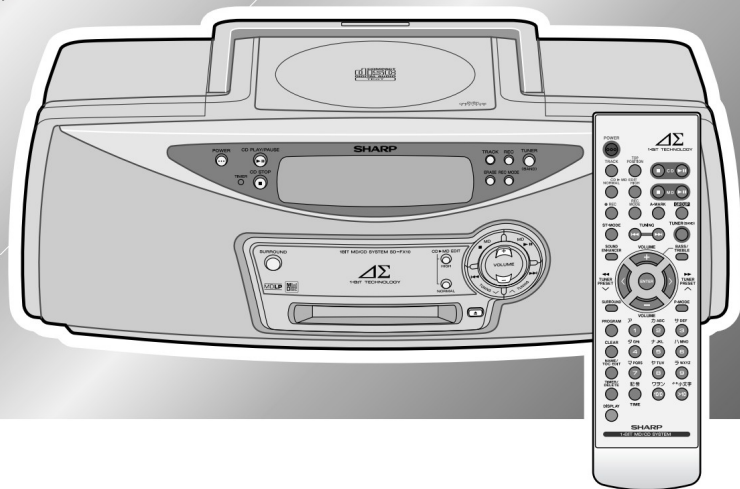
AUVi
1-BIT DIGITAL AUDIO

$\Delta\Sigma$
1-BIT TECHNOLOGY

1 ビット MD/CD システム

エスディー エフ イックス
SD-FX10

取扱説明書 **保証書付**



お買いあげいただき、まことにありがとうございました。
この取扱説明書をよくお読みのうえ、正しくお使いください。

ご使用の前に、「安全に正しくお使いいただくために」
を必ずお読みください。

この取扱説明書は、いつでも見ることができる所に
必ず保存してください。



MDLP

1bit
Technology



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beginning

Preparation

listen

Various

ways of listening

Recording sound

Group

recording / playback

edit



Convenient

Consideration







For safe and correct use

1-BIT MD / CD SYSTEM SD-FX10

This instruction manual has various indications for safe use. The contents caused by ignoring the display and mishandling are classified as follows. Please read the text after fully understanding the contents, and follow the instructions.

	警告	Indicates content that could result in death or serious injury. ý
	注意	Indicates content that may injure a person or damage property. ý

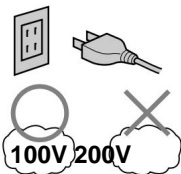
Meaning of graphic symbols

	This symbol is
	It means that you need to be careful.
  	This symbol is
	It means that you should not do it.
 	This symbol is
	It represents what you have to do.

警告

About power supply

Do not use with power supply voltage other than AC100V



It may cause fire or electric shock.

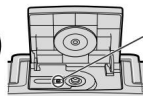
Do not use in foreign



countries This product can be used only in Japan, and the power supply voltage differs in foreign countries, so do not use it. (This unit cannot be used in foreign countries as designed for Japan only.)

About CD pickup

Do not look directly at the light source of the CD pickup



CD pickup

It may hurt your eyes.

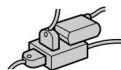
Power cord Do not use any

power cord other than the one provided.



It may cause fire or electric shock.

Do not wire octopus legs



The heat generated may cause a fire.

Do not damage, forcibly bend, twist, pull, heat, process, or place heavy objects on the cord.



The power cord may be damaged, resulting in fire or electric shock.

If the power cord is damaged ...

Ask your dealer to replace it.



Continued use may cause fire or electric shock.

Do not allow metal or flammable materials

to enter through openings (disc insertion slot, etc.)



It may cause fire, electric shock or injury. Be especially careful in families with children. Do not use in bathrooms, places exposed to rain,

or places with high humidity



It may cause fire or electric

shock. Do not place vases, flower pots, cups, cosmetics, containers containing chemicals or water, or small metal objects nearby.



If it spills or gets inside, it may cause a fire or electric shock. If water or

foreign matter gets inside ... Turn off the power, unplug the power cord from the outlet, and contact the store. Continued use may



cause fire or electric shock.

About the cabinet Do not open or

modify the cabinet



It may cause fire, electric shock or injury. Ask your dealer for internal inspection, adjustment, and repair.

About thunder If

thunder starts ... For safety, do not touch the product



It may cause electric shock.

If you're using it outdoors and thunder starts ... Fold the FM rod antenna, remove the AM antenna, and stop using it.



It may cause a lightning strike.

Do not drop or give a

shock

If you drop the

product or damage the cabinet, contact your dealer. Continued use may cause fire or electric shock.



Do not carry with the antenna extended



The antenna may get scratched or hit your eyes, resulting in injury or accident.

If something goes

notice an abnormal condition such as an abnormal noise, smoke, or a strange smell ... Turn off the power, unplug the power cord from the container, and sell it. Contact the store. Using the product in an abnormal condition may cause a fire or electric shock.



For sa

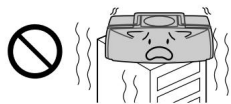
For safe and correct use (continued)

1-BIT MD / CD SYSTEM SD-FX10

⚠ 注意

Placement: Do not

place in an unstable place. It may fall and cause injury or malfunction.



Do not place in a place exposed to oily smoke or steam



It may cause a fire or an accident.

Do not place in places where cold air blows directly or in extremely cold places



Dew may form and cause electric shock or malfunction

Do not place in a closed car or other place exposed to direct sunlight for a long time, near a heater, or near a fire.



It may cause a fire or an accident.

Handling the power cord Do not pull the cord when unplugging



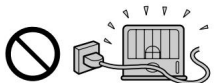
The cord may be damaged and cause a fire or electric shock.

Do not insert or remove the plug with



wet hands. It may cause an electric shock.

Keep the power cord away from heating



appliances The cord may melt and cause a fire or electric shock.

Discontinue use if the plug or cord is loose or the plug or cord is hot.



It may cause fire or electric shock.

Do not use in poorly

ventilated conditions Also, do not cover or wrap with a cloth or futon.



Heat buildup can cause the cabinet to deform and cause a fire.

Do not use in places where there is a lot of sand or dust inside, such as on the beach or in sandy areas.



It may cause burning, ignition or an accident.

When listening with headphones

Be careful about the volume setting



Unexpected loud volume may cause ear damage. Also, please enjoy it at an appropriate volume so as not to irritate your ears too much.

For safe and correct use

Special CDs Do not use special

shaped discs (heart-shaped, octagonal, etc.)



High-speed rotation may cause the disc to pop out, resulting in injury.

When removing the CD, stop playing

and then open the CD pig.



It may cause injury or damage to the CD.

When cleaning, be sure to turn

off the power and unplug the power cord from the outlet for safety.



It may cause electric shock or injury.

Handling dry batteries If used improperly, it may

cause electric shock, explosion, or fire. It can also cause liquid leakage, corrode the equipment, and stain your hands and clothing. Pay particular attention to the following:

- Dry batteries that have been used once with new batteries. Do not mix batteries when not in use for a long time. Be sure to turn off the power for safety and power cord. Metal accessories (keys, decorative neckless coins, etc.) Please unplug it from the outlet. Do not put it in your pocket or bag.



- Do not get wet with water • Never heat or throw into fire • Do not disassemble • Do not solder • Do not short-circuit terminals • Do not mix different types of dry batteries • Rechargeable batteries (Nickel-cadmium batteries) Etc.) is not used



- If you cannot use the dry batteries or do not use them for a long time, remove all the dry batteries.



- Insert the positive + and negative directions of the dry cell correctly as shown. If the liquid leaks, wipe off the liquid on the dry cell case and then insert a new dry cell. Should the leaked liquid get on your body, wash it off thoroughly with water.

When moving, turn off the

power and disconnect the power cord, antenna wire, and connection cord. The cord may be damaged, resulting in fire or electric shock.



- Before making an important recording, make a trial recording in advance to make sure that the recording is normal. (When making a trial recording from a CD to an MD, record at a constant speed.) • If the product was not recorded due to a malfunction of this product while using this unit, it was deleted. Please forgive me for the compensation of the contents at that time.

- This product is shipped after undergoing strict quality control and inspection, but if there is any failure or malfunction, please contact the store where you purchased the product or the Sharp Customer Support Center. (P.81) • The customer or a third party is legally liable for any misuse of this product, malfunctions that occur during use, other defects, or damages incurred by using this product. Except in some cases, we are not responsible for it.

Main features

Equipped with a 1-bit digital amplifier that realizes high-resolution sound of 2.8MHz High-speed sampling of about 2.8 million times (about 2.8MHz) per second dramatically improves the sound decomposition capability. Sound transmission / amplification is performed with a 1-bit digital signal to reproduce high-quality sound rise and smoothness, and clear sound quality with less deterioration in sound quality compared to analog signal processing is achieved.

Supports "MDLP" for long-time recording / playback of 2x and 4x MD

It is possible to record for a long time twice or four times as long as the standard recording, and one piece
You can record up to 320 minutes (when using an 80-minute disc) on an MD.

➡ P.36

MD group recording / playback You can record by group for each singer or album.

➡ P.45

4x speed editing from CD to MD

You can record at 4x speed from CD to MD. P.36 * Recording from a CD-RW will be double speed.

➡

CD-R / CD-RW Playback You

can listen to the songs recorded on the CD-R / CD-RW for music. * Depending on the device that recorded the CD-R / CD-RW and the condition of the disc, it may not be played back correctly. (It cannot be recorded with this product.) Text

➡ P.21

CDs marked with



CD TEXT support are disc names.

And song titles can be displayed. Sound

➡ P.21

Enhancer Surround sound is sharp and spacious.

Automatic recording of recording date and

➡ P.27

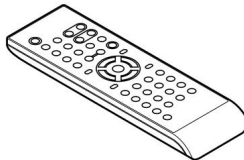
time If you set the date and time together, the recording date and time will be recorded on the MD.

➡ P.18

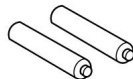
About accessories

1-BIT MD / CD SYSTEM SD-FX10

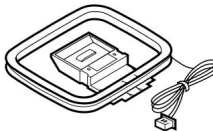
Make sure you have all the accessories.



Remote control transmitter x 1



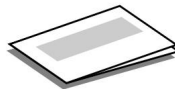
AA batteries x 2 (for remote control transmitter)



AM loop antenna x 1



Power cord x 1



Instruction manual (with warranty) x 1

- This product is a licensed product based on US and foreign patents of Dolby Laboratories.
- The last alphabet of the model name displayed in catalogs and packaging boxes is a symbol indicating the color of the product. Even if the colors are different, the operation method and specifications are the same.

Main features / accessories

Name of each part

1-BIT MD / CD SYSTEM SD-FX10

1

Reference page

beginning

each

Department

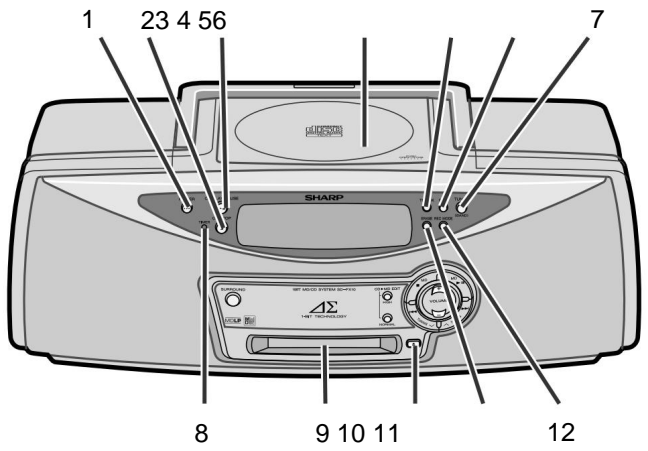
of

Nana

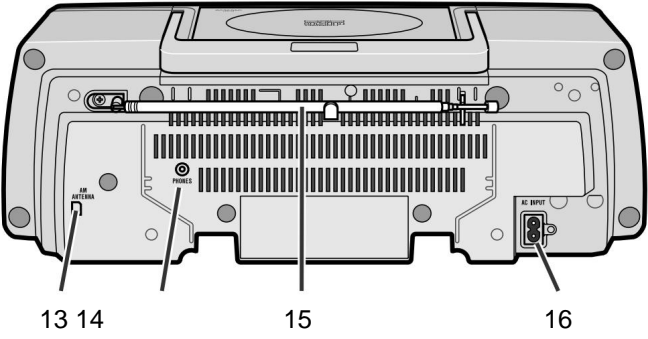
devil

e

Face



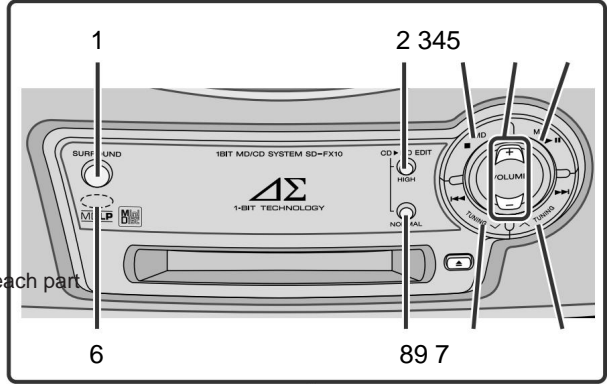
back



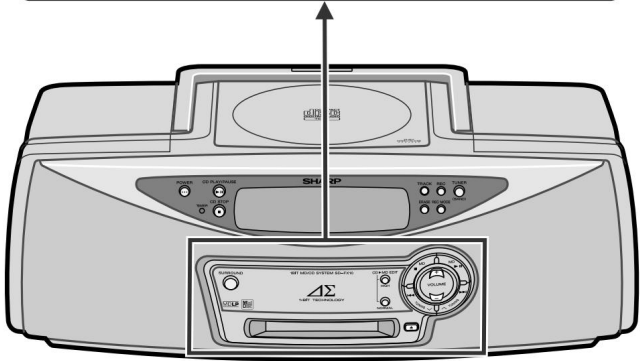
- 01. Power button (POWER) 17
- 02. CD STOP button 20
- 03. CD play / pause button
(CD PLAY / PAUSE) 20,21
- 04. CD pig 20
- 05. Track Edit
/ Demo display button (TRACK) 15,40
- 06. MD record button (REC) 39
- 07. Tuner / band selector button
(TUNER / BAND) 24
- 08. Timer setting indicator lamp (TIMER) 67,68
- 09. MD insertion slot twenty two
- 10. MD eject button () 23
- 11. Erase button (ERASE) 60
- 12. Recording mode button (REC MODE) 36
- 13. AM antenna terminal (AM ANTENNA) 14
- 14. Headphone jack (PHONES) 14
- 15. FM rod antenna 25
- 16. AC power socket (AC INPUT) 14

Name of each part (continued)

Front surface (operation unit)



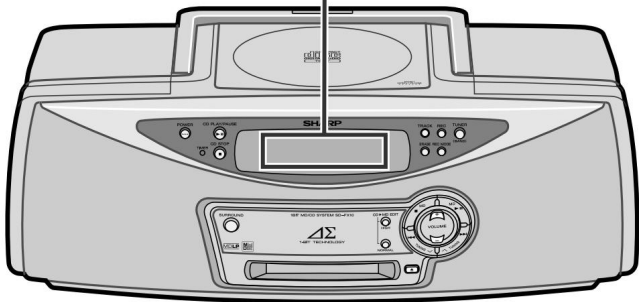
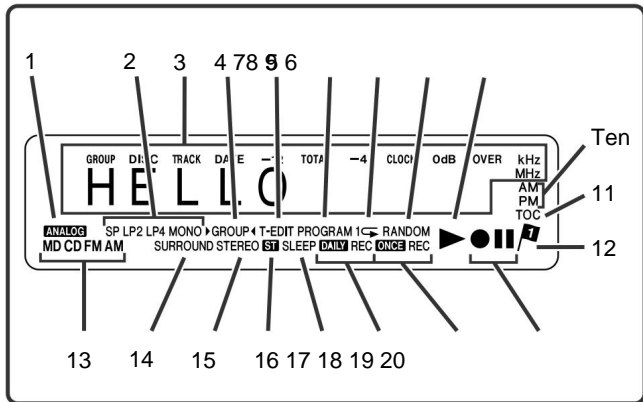
Name of each part



page 02. CD / MD One Touch (Surround MD) button 27

(CD / MD EDIT HIGH)	22
03. MD Stop Button (MD)	22
04. Volume button (VOLUME + / -)	27
05. MD play / pause button (MD) ...	22, 23, 24
06. Remote control sensor	16
07. CD / MD One Touch Edit (Normal Speed) Button	21, 23, 24
(CD / MD EDIT NORMAL)	36
08. CD / MD Fast Rewind, Cue / Tuning Button	21, 23, 24
(TUNING)	21, 23, 24
09. CD / MD fast forward, cue / tuning button	21, 23, 24
(TUNING)	21, 23, 24

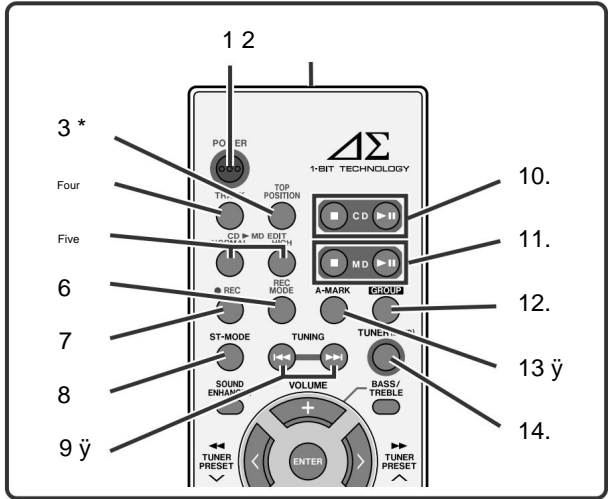
Face (display)



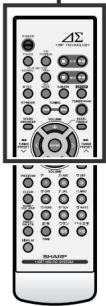
01. Analog recording display (ANALOG) 38
02. Recording mode display (SP / LP2 / LP4 / MONO) 36
03. Time / Level meter / Character / Frequency display ... 28
04. Group display (GROUP) 49
05. Track edit display (T-EDIT) 40
06. Program display (PROGRAM) 32
07. Repeat playback display (1) 31
08. Random playback display (RANDOM) 31
09. CD / MD playback display 20,22
10. AM / PM display (AM / PM) 19
11. Tok display (TOC) 34
12. Top position edit display () 44
13. Input switching display (MD / CD / FM / AM) 20,22,24
14. Surround display (SURROUND) 27
15. FM stereo mode display (STEREO) 25
16. FM stereo reception display (ST) 25
17. Sleep display (SLEEP) 69
18. Daily timer playback / recording display (DAILY REC) ... 68
19. Once timer playback / recording display (ONCE REC) ... 68
20. Recording / Pause display () 37

Name of each part (continued)

Remote control (top)

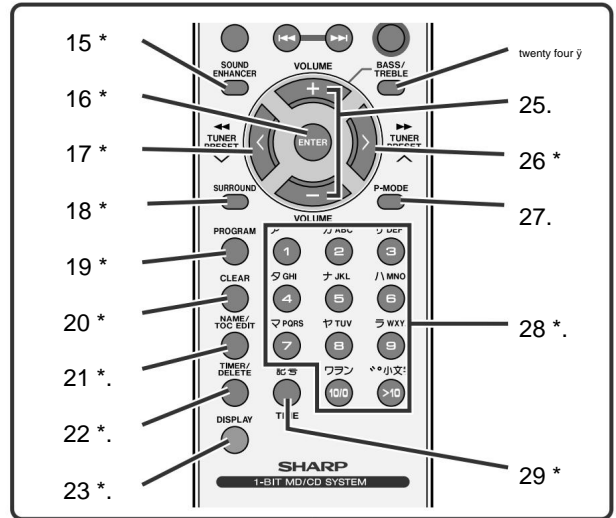


* Marks are remote controls only
It is an operation button of.



- 01. Power button (POWER) 17
- 02. Remote control transmitter 16
- 03. Top position edit button
Top position
(TOPPOSITION) 44
- 04. Track edit button (TRACK) 40
- 05. CD MD One-touch edit button
normal Yes
(CD MD EDIT NORMAL / HIGH) 36
- 06. Recording mode button (REC MODE) 36
- 07. Record button (REC) 39
- 08. FM stereo mode button (ST-MODE) 25
- 09. CD / MD cue / tuning button
tuning
(TUNING /) 21,23,24
- 10. CD stop button (CD) 20
CD Play / Pause Button (CD) ... 20,21
- 11. MD stop button (MD) 22
MD Play / Pause Button (MD) ... 22,23
- 12. Group button (GROUP) 46
- 13. Automark button (A-MARK) 43
- 14. Tuner / band selector button
Tuner band
(TUNER / BAND) 24

Remote control (bottom)



* Marks are remote controls only
It is an operation button of.



- 15. Sound enhancer selector button
sound Enhancer
(SOUND ENHANCER) 27
- 16. Enter button (ENTER) 18
enter
- 17. CD / MD fast rewind / tuner preset down /
Cursor button
Tuner preset
(TUNER PRESET /) 21,26,53
Surround
- 18. Surround button (SURROUND) 27
Surround
- 19. Program button (PROGRAM) 32
program
- 20. Clear button (CLEAR) 32
clear
- 21. Name / Tok Edit Button
Name Tok Edit
(NAME / TOC EDIT) 52
- 22. Timer / Erase button (TIMER / DELETE) .. 18,53
timer delete
- 23. Display switching button (DISPLAY) 17,52
display
- 24. Sound quality switching button (BASS / TREBLE) 27
bus Treble
- 25. Volume button (VOLUME +,-) 27
volume
- 26. CD / MD fast forward / tuner pre-setup /
Cursor button
Tuner preset
(TUNER PRESET /) 21,26,53
Play mode
- 27. Playback mode button (P-MODE) 31
Play mode
- 28. Character input / CD / MD / tuner
Direct button 26,52
- 29. Symbol / time display selector button (symbol / TIME) ... 28,52
time

2

Connect the antenna and power cord

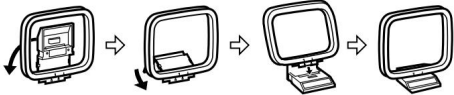
1-BIT MD / CD SYSTEM SD-FX10

Preparation

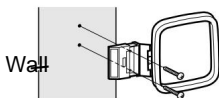
Connect the loop

antenna for 1 AM. Set the direction so that the broadcast can be heard most clearly

How to assemble a loop antenna for AM



Can be wall mounted

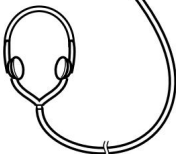


Screws are not included.

Connect the antenna and the power cord

To listen with headphones

- Use headphones with an impedance of 16 to 50 Ω (recommended 32 Ω) and a diameter of 3.5 mm with a stereo mini plug.
- Sound from speakers when headphones are connected Can no longer be heard.



To the headphone jack

2 Connect the power cord

To AC INPUT socket.

To household outlets. (100V AC, 50 / 60Hz)



Unplug the power

cord from the container when you are not using it for a long time, such as when traveling to save power. Even when the power is turned off, it consumes a small amount of power. • If you unplug the power cord, the clock settings will disappear after about 10 minutes, and the registered broadcasting stations will disappear after about 1 day, so reconnect them. Precautions • When removing the power cord or loop antenna for AM, hold the plug and pull it out. Pulling the wire may cause disconnection. • Make sure to insert the plug securely. • When unplugging the power cord, turn off the power and then plug it in.

Please pull out.

- Never use a power cord other than the accessories. It may cause a malfunction or accident. Information • Please use this product in a place

of 5 y ŷ 35 y. • If you use this product near devices such as TVs, PCs, and mobile phones, those devices and this product may malfunction or cause noise. In that case, turn off the power of those devices or keep them as far away from this product as possible.



- Fun music can be annoying in some places. Be careful not to bother your neighbors. • When using at night, turn down the volume or listen to the sound of the head so as not to bother your neighbors. Etiquette • When using headphones, turn down the volume so as not to irritate your ears.

Setting and canceling the demo display

1-BIT MD / CD SYSTEM SD-FX10

2

Preparation

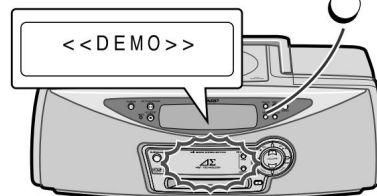
When the power is turned off, the display automatically lights up and changes to various display contents, which is called a demo display. At the time of purchase, the demo display is canceled.

ŷ To display the demo display When the

power is off
truck

Press [TRACK] for 2 seconds or longer.

TRACK



ŷ To cancel the demo display Press [TRACK] during
truck

the demo display.

truck

- You can also turn it on and off by pressing [TRACK] on the remote control.

Note If the

power

- power is turned on by pressing [POWER] when the power is off, the demo display cannot be set.

power

- If you press [POWER] to turn on the power while the demo is displayed, the demo display disappears. Press [POWER] again to return to the demo display.

power

Setting and disa

Insert the dry cell into the remote control

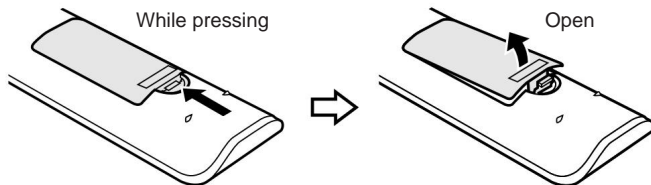
1-BIT MD / CD SYSTEM SD-FX10

Preparation

You
can
put
a
dry

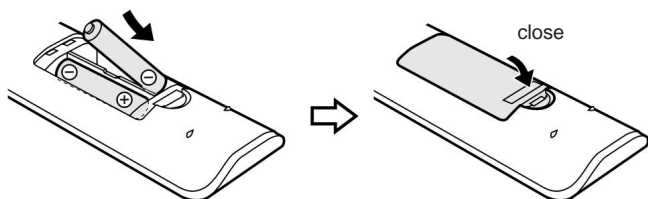
electric bond in the remote control

1. Open the lid.



Insert AA batteries.

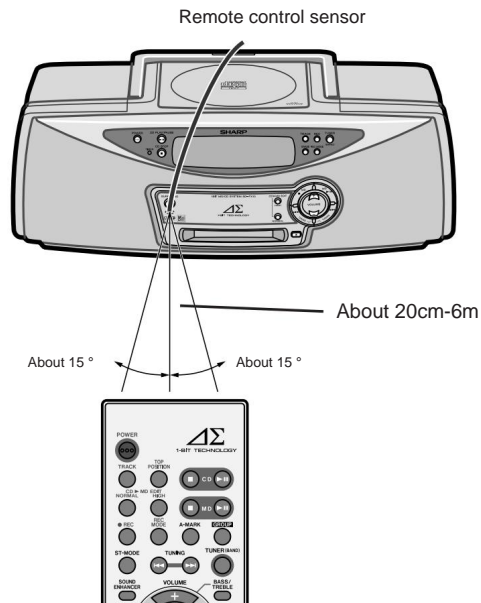
Enter from the side



- Pay attention to the direction of the dry cell.
(If you make a mistake, it may cause a malfunction.)
- Do not use a rechargeable battery (such as a Ni-Cd battery) for the remote control. (It does not work properly with a rechargeable battery.)

The life of the remote control dry cell is about one year under normal use. If it does not work unless you approach the remote control sensor, replace the dry cell.

Range where the remote control can be used (reference)



- Do not use in a place where the remote control sensor is exposed to strong light. It may cause malfunction.
- Do not put stickers on the remote control sensor or transmitter please give me. You will not be able to operate.

Turn on the power

1-BIT MD / CD SYSTEM SD-FX10

2

To turn on the power

POWER



Press.

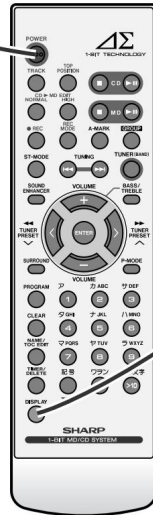
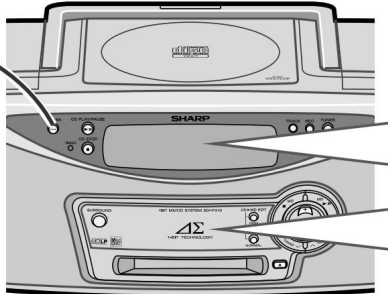
To turn off the power

POWER



once again, Press.

- When the power is turned on, the display lights up.
- If the power does not turn on, check that the power cord is connected correctly and that the batteries are properly inserted.
- The power will not turn on immediately for 2 to 3 seconds after the power is turned off.



To change the brightness of the display (3 levels)

Turn on the power,
DISPLAY



Press for 3 seconds or longer.

Each time you press it, it switches as follows.

DIMMER OFF (Bright)



(Press for 3 seconds or more)

DIMMER ON1 (Dark)



(Press for 3 seconds or more)

DIMMER ON2 (Dark)



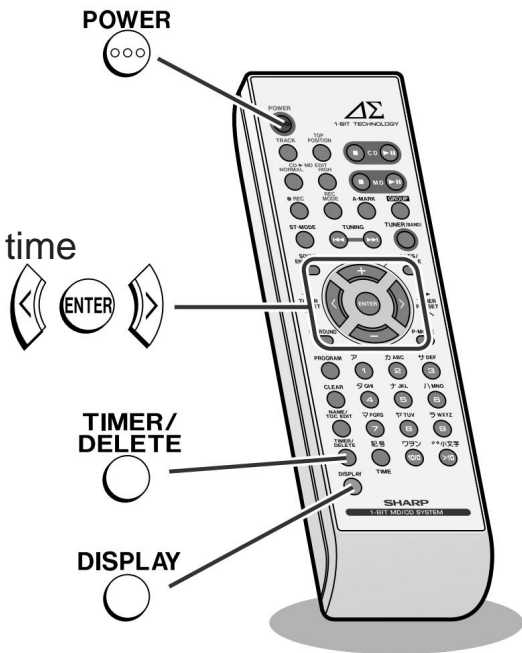
The brightness cannot be changed during the demo display.

Preparation

Turn on the

Preparation

Set the time



1-BIT MD / CD SYSTEM SD-FX10

(Example) When setting to 9:30 am on October 25, 2003

POWER
Press to turn on the power.

TIMER/DELETE
Press to enter SLEEP mode (1:00).

3 Within 10 seconds, press the left arrow button to enter TIME ADJUST mode. Select "TIME ADJUST".

4 Within 10 seconds, press the ENTER button to start setting the year (00.01.01). "Year" flashes.



Press the left arrow button to set the "year". Match the "year" (03.01.01).

For 2003, match it with "03".


Press the ENTER button.

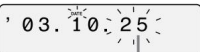
6 Press the left arrow button to set the "month". Match the "moon" (03.10.01).

Press the ENTER button.

7 Press,  

Set the "day".

 Press.




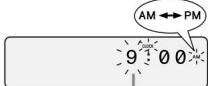
Set the "day"

8 Press or to set the "hour".

time is displayed in 12-hour clock. Please note the morning (AM) / afternoon (PM) display.


0:00 AM ↔ 12:00 noon / 0:00 PM ↔ 12:00 noon

 Press.




Set "Hour" The

Press or to set the "minutes".

 Press.

After a few seconds, it will return to the original display.



Match "minutes"

• To check the time When the power is off, press.



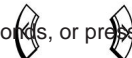
The time is displayed and disappears after about 5 seconds.

When the power is on

1. Press on the remote control.





2. Within 10 seconds, or press several times to display the time.



After about 10 seconds, the original display will be restored.

If you adjust the time after setting the clock, the display will change.

In step  "ONCE TIMER" is displayed instead of "SLEEP". In step  the current time is displayed instead of "TIME ADJUST".

sleep
Once timer
time adjust

Note If

the power cord is unplugged or there is a power failure, the clock settings will disappear after about 10 minutes.

Information

The clock (year / month / day) of this product is compatible from January 1, 2000 to December 31, 2009.

3

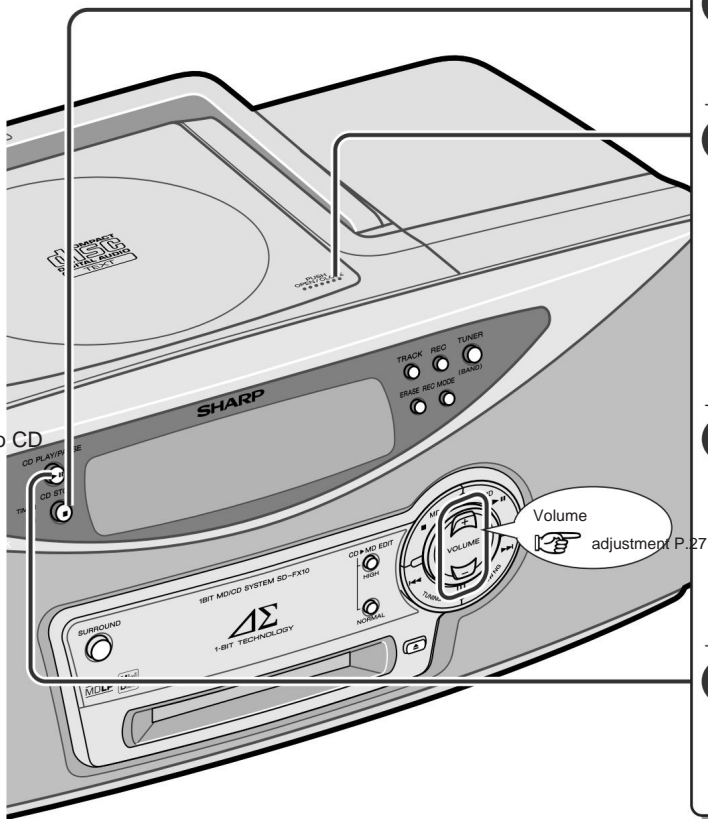
CD

listen

Listen to CD

Listen to the CD

1-BIT MD / CD SYSTEM SD-FX10



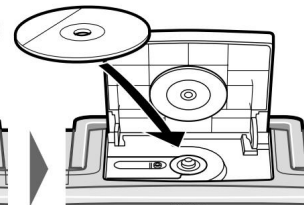
1 Turn on the power and press.

CD STOP

CD NO DISC

CD

2 Open the CD pig and insert the CD.

PUSH
OPEN/CLOSE
*****Press
this part

3 Close the CD pig.

PUSH
OPEN/CLOSE
*****Press
this part

BEST HIT

12

Total number of songs

54 : 09

Total playing time

For CDs with the CD TEXT mark, if there is a disc name, it will be displayed.

CD PLAY/PAUSE

Four



Press.

1

CD

0 : 03



- Playback starts from the first song. •
- For CDs with the CD TEXT mark, the song title is displayed. Will be.

When the last song finishes playing, it will stop.



reparation

Listen

various ways

f listening

recording sound

Listen to group

recording / playback

edit

convenient

consideration

Various operations on the CD

Operation	main body remote	control operation	
reproduction	CD PLAY/PAUSE 	CD	Press while stopped.
Stop	CD STOP 	CD	Press during playback.
pause	CD PLAY/PAUSE 	CD	Press during playback. Press it again to regenerate from the position where it was stopped. Press during
Cue the song			playback or stop. After selecting the song number you want to listen to while stopped, when you start playing, the song will be played from that song.
Fast forward and fast rewind			Press and hold during playback. When you release the button, it will play from that position.

How to remove the CD

1

Stop the CD.

2

Wait for the rotation to stop. (3-4 seconds)

3

Open the CD pig and take it out.

Note
Do not open the CD butter during playback. It may damage the CD or cause a malfunction.

• About playable discs

With this product, you can listen to songs recorded on music CD-Rs and CD-RWs in addition to general CDs. Also, for CDs with the CD TEXT mark, the disc name and song name are displayed.

Disk type	Contents of the disc
	audio
	Voice + text information
	Voice + text information

- CD-R / CD-RW may not be played back correctly depending on the recording device and the condition of the disc. In that case, try changing the recording speed of the device that records the CD-R / CD-RW or the disc to be used. For details, refer to the instruction manual of the recording device.

Note • If the main unit is impacted or used in a place where it is likely to vibrate, the sound may skip. Please use it in a stable place. • Depending on the contents of the CD, the sound may skip if the volume is raised too high. In that case, turn down the volume a little and listen. • Using a scratched or dirty CD may cause skipping.

3

MD

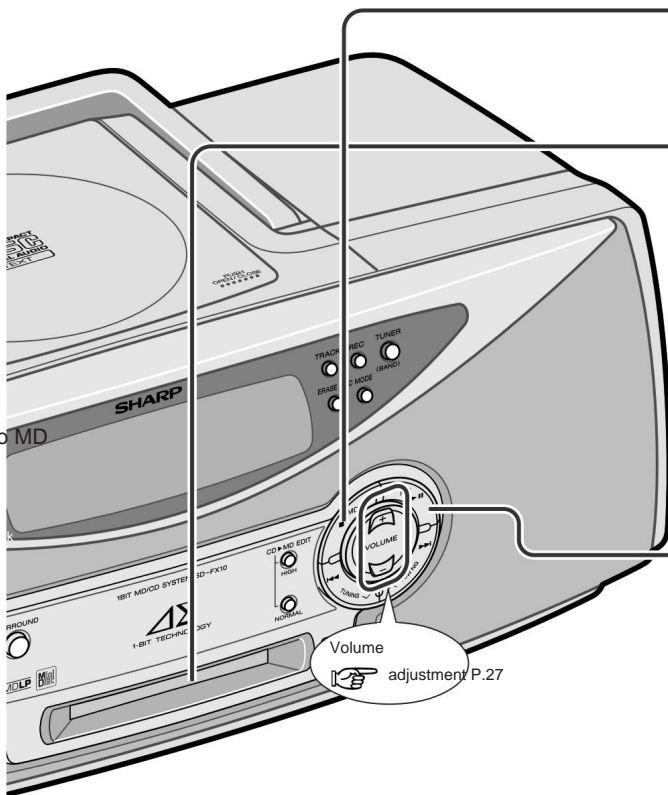
MD

listen

Listen to MD

Listen to MD

1-BIT MD / CD SYSTEM SD-FX10

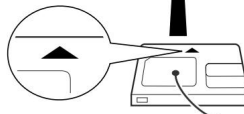


1 Turn on the power and press.

MD NO DISC

MD

2 Insert MD.



Insert the label side up in the direction of the arrow mark.

Display when there is a

disc name

MD

12 58 : 23

MD

Total number of songs Total playing time











Press

1 0 : 03

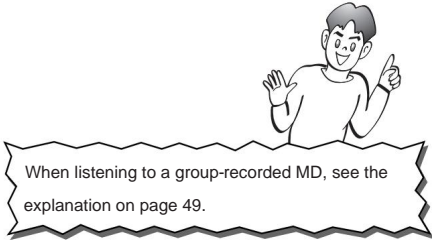
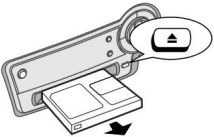
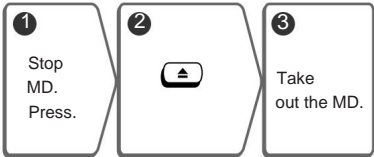
- Playback starts from the first song.
- If the song title is included, the song title is displayed.

When the last song finishes playing, it will stop.

Various operations of MD

Dynamic book remote control		Operation
reproduction		 Press while stopped.
Stop		 Press during playback.
pause		 Press during playback. Press it again to play from the stopped position. Press during playback or stop.
Cue the song		 After selecting the song number you want to listen to while stopped, when you start playing, the song will be played from that song.
Fast forward and fast rewind		 Press and hold during playback. When you release your finger from the button, it will regenerate from that position.

How to take out MD



Information •

Recording in monaural recording or 2x / 4x long-time recording (stereo)

You can also play the songs that have been played. (P.36)

- The MD becomes warm during use, but this is not a malfunction. • MD makes it difficult for the sound to skip due to vibration, but the sound may be interrupted for continuous vibration.

Precautions

- Be sure to turn on the power when inserting the MD. Forcibly pushing the MD while the power is off may cause a malfunction. • When moving the product, be sure to remove the MD, turn off the power, and then unplug the power cord.

If you move the MD with it inserted, the MD may get stuck in the product and cause a malfunction.

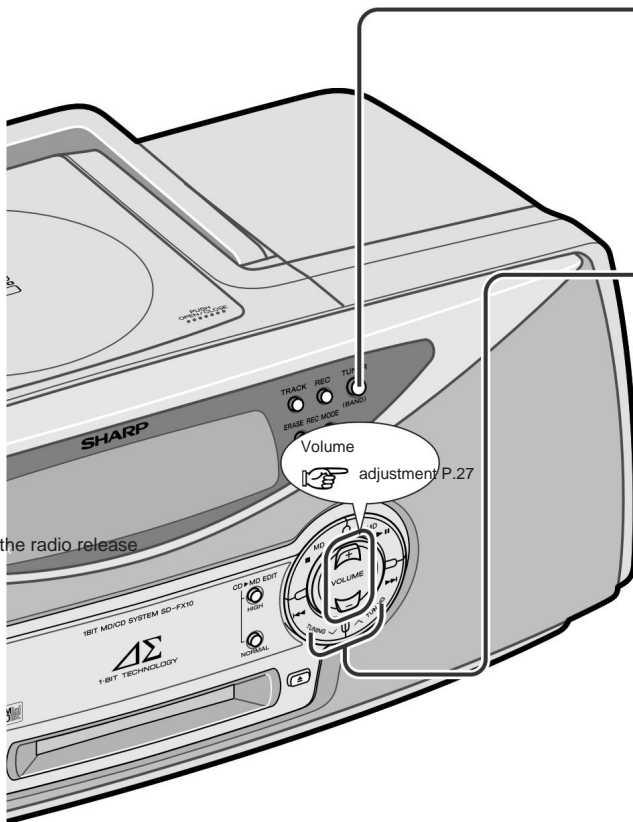
3

Radio

listen

Listen to the radio broadcast

1-BIT MD / CD SYSTEM SD-FX10



Listen to the radio release



1 Turn on the power and press.

TUNER
(BAND)

FM 76.0 MHz

AM 1098 kHz

Each time you press it, it switches between "FM" and "AM".

Press  or  to select a station.

FM 76.0 MHz

Choose a station

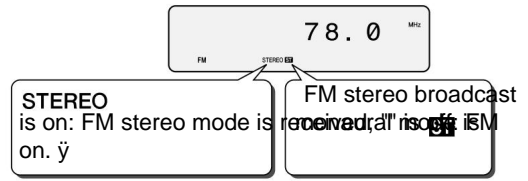
Manual tuning: Press the button in small steps to receive the desired broadcast station.

Auto-tune: Press and hold the button for 0.5 seconds or longer and release it to automatically receive a station with strong radio waves.

Note •

Keep the AM loop antenna away from the main unit and power cord. If used close to each other, noise may occur. • During automatic tuning, if there is a jamming radio wave in the vicinity, it may stop there. In this case, use manual tuning.

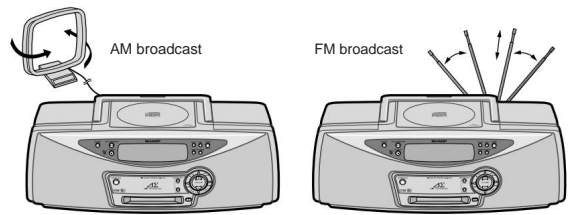
To receive FM stereo broadcast When "FM" is selected, press the remote control to turn on "STEREO".



Even if you receive an FM stereo broadcast, if the signal is weak, "" will not light up. At this time, there is no sound, so switch to FM monaural mode and receive.



To adjust the antenna



Adjust with the AM antenna. Change the direction of the AM antenna as far away from the main unit as possible.

Adjust with the FM antenna. Please change the length and direction.

About TV sound • TV sound can be received at the following frequencies. 1 channel: FM 95.75MHz 2 channels: FM 101.75MHz 3 channels: FM 107.75MHz • The TV audio reception circuit of this product is also used as the FM broadcast reception circuit. As a result, FM broadcasts may interfere in some regions. • You cannot receive TV sound multiplex broadcasting. • TV sound is received in monaural. • If you hear a "boo" sound or the tuning becomes unstable while receiving TV sound, adjust the antenna or change the location.

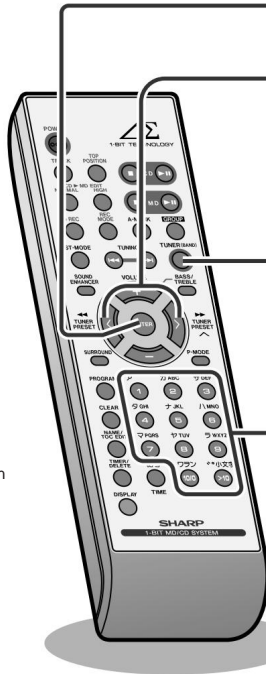
3



listen

Register a station

You can register up to 40 stations including AM and FM broadcasts. For FM broadcasting, the stereo monaural mode is also memorized. Radio



Register the broadcasting station

Note If the power cord is unplugged or there is a power failure, the registered broadcasting station will disappear after a day or more. In that case, please register again.

1-BIT MD / CD SYSTEM SD-FX10

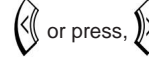
1 Receive the station you want to register. (P.24)

Press **ENTER**

Registration mode



3 Within 10 seconds,



or press,

Select the number to register.



Number to register

4 Within 10 seconds **ENTER** Press.

If you register with a number that has already been registered, the previous registration details will be deleted.



5 To register another broadcasting station, repeat the procedure from step

To call a registered broadcasting station

1 **TUNER (BAND)** Press.

2 Press **1** to call up the registered number.



Registered number

How to call the 11th station or later Example) 28th station

To press the button continuously, operate the next button within 5 seconds.

You can also call it by pressing or.

Adjust volume and sound quality

1-BIT MD / CD SYSTEM SD-FX10

3

Volume
•
Sound
quality

listen

Adjust the volume

To add sharpness to the sound (Sound Enhancer)

**SOUND
ENHANCER**

Press repeatedly.



The sharpness of the sound is emphasized

S. E. 1

The sharpness of the sound is further emphasized

S. E. 2

When not emphasizing the sharpness of the sound

S. E. OFF

To set the sound spread (surround)

SURROUND

Press repeatedly.

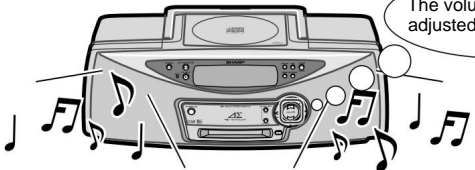


When emphasizing the spread of sound

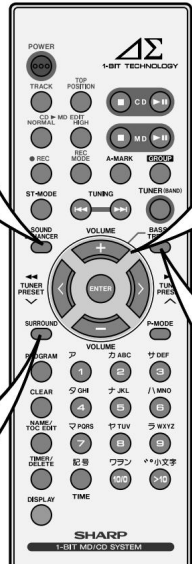
Lit

When not emphasizing

Off



The volume can also be adjusted on the main unit.



To adjust the volume

VOLUME

(Volume loud)



VOLUME

(Volume low)

VOLUME 20

Volume 0 (low) to 40 (loud)

To change the sound quality (bass / treble)

**BASS/
TREBLE**

Press repeatedly.



When adjusting treble

When adjusting the bass

TREBLE 0

BASS 0

-3 (weak) to +3 (strong) -3 (weak) to +3 (strong)



VOLUME

weakness.



VOLUME

Press or to change the strength /

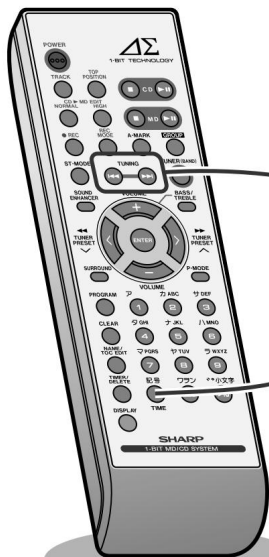
3



listen

Switching the display contents of CD and MD

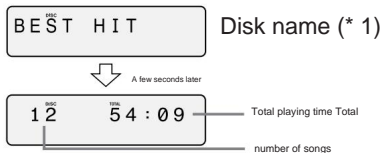
1-BIT MD / CD SYSTEM SD-FX10



Switch the display contents of CD and MD

To switch the time display

If you insert a CD or MD,



If you select a song number while stopped or by pressing

or



If you press repeatedly, the total



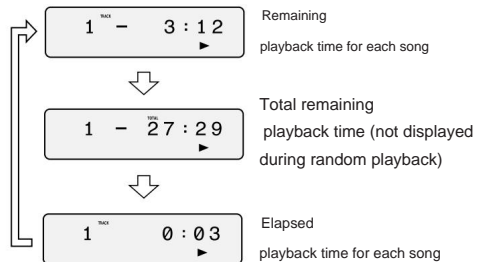
(* 1) The title is not displayed when the disc name or song name is not recorded. (* 2) When the song title is recorded, the song title is displayed for a few seconds. Note • Some of the playback times shown

on the jacket, etc. do not include the silent time of the song.

When playing a CD or MD,



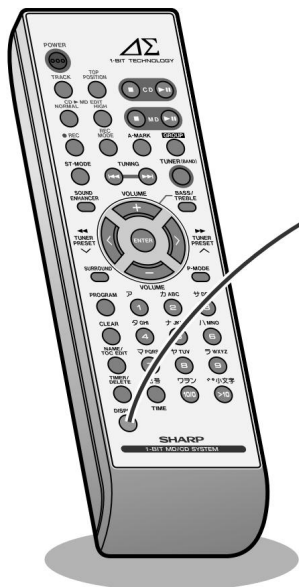
If you press repeatedly during playback,



Therefore, it may not match what is displayed on this product. • The displayed elapsed time and remaining time during playback may differ from the actual clock time. • For MDs recorded in groups, the total remaining playback time of the selected group is displayed.



listen



To switch to the level meter or song title display

[While playing a CD]

DISPLAY

If you press repeatedly, the elapsed playback time

1 0 : 03

Song title

1 : LOVE SO

(Only CDs with song titles are displayed)

Level meter

Level meter display showing a bar graph and numerical values.

The display cannot be switched while playback is paused or stopped.

Note • The

song title is not displayed for CDs that are entered in hiragana, katakana, or kanji. • On a disk in which characters are entered on a personal computer, the disc name may not be displayed correctly or it may take some time to display the disc name.

[During MD playback]

DISPLAY

If you press repeatedly,

1 0 : 03

Playback elapsed time

1 : LOVE SO

Song title (* 1)

(* 2) Level meter display showing a bar graph and numerical values.

Level meter

SP - 022 : 20

Remaining recording time

' 03 . 04 . 15

Recording date (* 3)

(2 seconds later)

0 : 42

Recording time (* 3)

(* 1) If the song title is not recorded, "NO NAME" is displayed.

(* 2) Monaural recorded songs are displayed as "M". (* 3) Play-only MD is not displayed.

Note The

song title is not displayed for MDs entered in Hiragana or Kanji.

Switch the

4



Various
ways of listeni

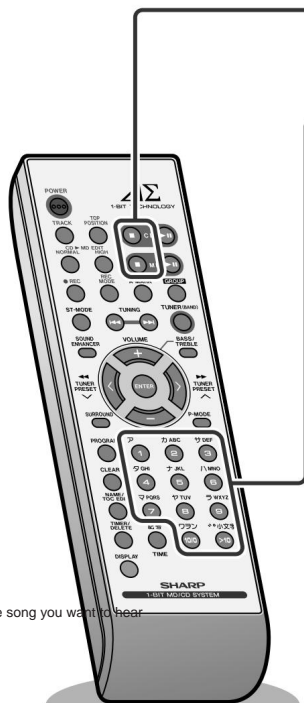
Listen from the song you want to hear (direct song selection)

You can play from the songs you want to hear on CDs and MDs.

1-BIT MD / CD SYSTEM SD-FX10

When listening to a CD With

When listening to an MD



Listen from the song you want to hear

1 After inserting the CD ... After inserting the MD ... Press.

■ CD Press.

■ MD

Specify the song number you want to hear with ~.

Song number 5 0 : 05

Playback starts from the specified song.

How to specify the song number (10th song or later)

To specify the 11th to 99th songs, press. >10

Example) 28th song >10 2 8

For the 100th and subsequent songs (MD only), press twice to specify.

Example) 105th song >10 >10 1 10/0 5

Note • Direct song selection is not possible when random playback (P.31) or 1 program song selection (P.32) is set. • When pressing the [1] to [10] buttons in succession, operate the next button within 5 seconds.

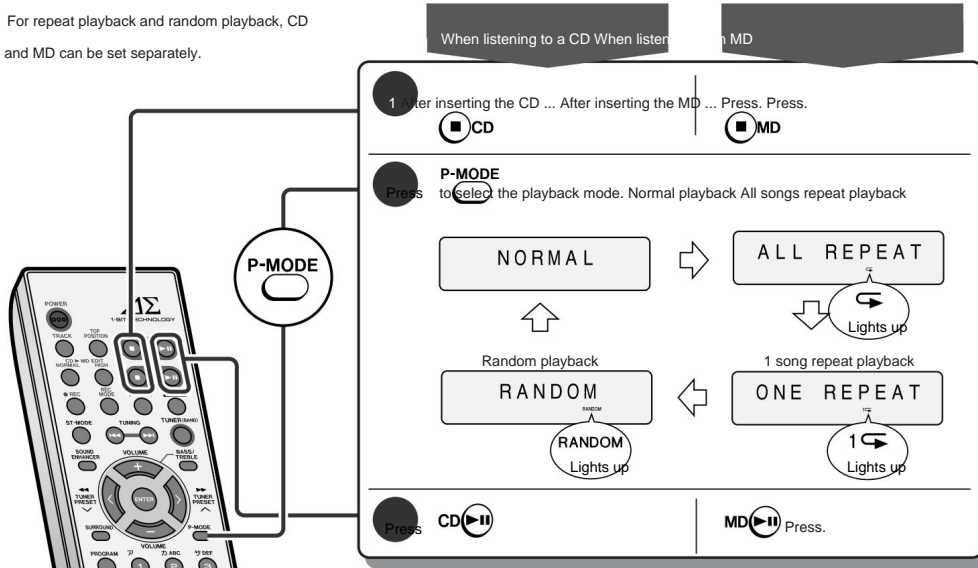


When listening to a group-recorded MD, see the explanation on page 49.

Listen repeatedly / listen in no particular order (repeat playback / random playback)

1-BIT MD / CD SYSTEM SD-FX10

For repeat playback and random playback, CD and MD can be set separately.



Information •

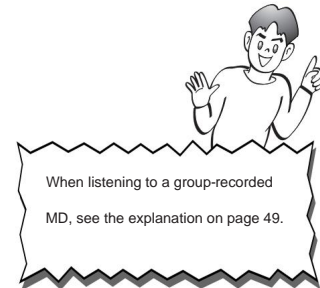
Repeat playback will continue until it is stopped. After listening, please stop. • If you switch the playback mode during playback, repeat playback or random playback will start from that point.

• For random playback, this product automatically selects and plays songs. • Set the program song selection

Play mode

If you press [P-MODE], you cannot select random playback. • The MD repeat playback and random playback settings are canceled when the MD recording operation is performed.

Normal playback	After playing all songs, it will stop.
All songs repeat playback	All songs will be played repeatedly. Repeat until it stops.
1 song repeat playback	1 Play the song repeatedly. Repeat until it stops y
Random playback	Plays all songs in no particular order and then stops. Play in no particular order.



When listening to a group-recorded MD, see the explanation on page 49.

4

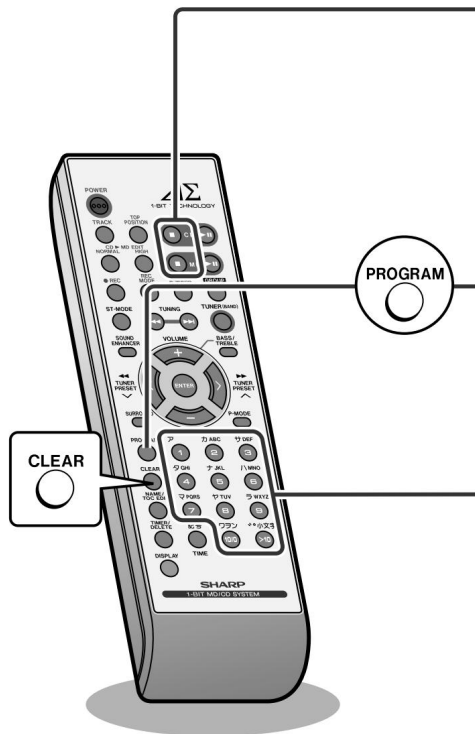


Various
ways of listening

Memorize and listen to only your favorite songs (program selection)

1-BIT MD / CD SYSTEM SD-FX10

You can play your favorite songs on CD and MD in any order. (CD and MD can be selected separately, up to 20 songs each.)



When listening to a CD

When listening to MD

- 1 After inserting the CD,
 CD press....

After inserting the MD,

MD press ...

When "GROUP" light ^{group} is up on the display, turn it off. (P.49)



- 2 **PROGRAM** Press.

PROGRAM

PROGRAM
Blinking

- Specify the song number you want to register with ~.



Song number Program number



Playback time

To register while checking the song title, press or instead of pressing the direct button, select the song number you want to listen to, and press.



If you make a mistake in the song number, press **CLEAR** during registration to cancel the last selected song. If you press it continuously, it will be canceled in order.

Remember and listen to only your favorite songs



Various
ways of listening

When listening to a CD

When listening to an MD

- 4 Repeat step 3 and specify the song numbers you want to register in order.

For CDs, "-:-" is displayed when the total playback time of the registered song exceeds 100 minutes, but the song is memorized.

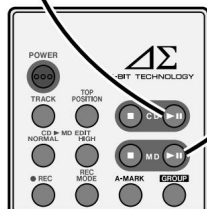
- 5 When you have finished selecting songs, press. Press.



After registration

- 6 CD Press to start playback.

- MD Press to start playback.



- When the last registered song finishes playing, it will stop. • The song registration is memorized until the CD or MD is ejected.

To check the order of registration, press or while stopped.

Repeat steps to
• add song. • It will be added after the previously selected song. • The order of the songs cannot be changed.

To cancel the registration

1. Press or . clear
2. Press [CLEAR] while stopped.
All songs on the CD or MD will be unregistered.

To listen to only the songs you want to listen to repeatedly After selecting the program songs, repeat playback (P.31). Note • Registering or canceling a song during playback or pause.

You can not. • You can select a program and record only the songs you like. (Even after recording is finished, the song registration is memorized.) • The MD program song selection setting is performed when the MD recording operation is performed. It will be released.



When listening to a group-recorded MD, see the explanation on page 49.

Remember a

What you need to know before recording

1-BIT MD / CD SYSTEM SD-FX10



Let's read it. ỹ

About trial recording •

Before making an important recording, make a trial recording in advance to make sure that it is recorded correctly. (When making a trial recording from a CD to an MD, record at a constant speed.) • Contents when recording is not performed or erased due to a malfunction of this product while using this unit. Please forgive me for the compensation.

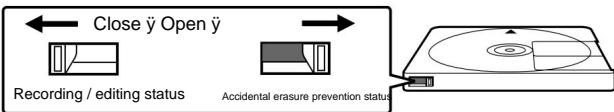
Music copyright What you

record cannot be used without the permission of the copyright holder, except for personal enjoyment.



About prevention of accidental erasure of MD

When recording to an MD, make sure that the erasure prevention knob is closed. If the erasure prevention knob is open, "PROTECTED" will be displayed and you will not be able to record or edit.

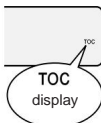


After recording, it is recommended that you open the erasure prevention knob to prevent accidental erasure of important recordings.

About MD TOC (Table of Contents)

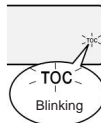
TOC is table of contents information for recognizing song numbers and sounds. It is because this TOC manages the entire MD that you can quickly find the cue during playback and record in an empty space. When you record or edit, "TOC" is displayed on the screen.

Tok
While "TOC" is displayed ...



It indicates that the TOC information has been changed by recording or editing. At this point, no recorded or edited information is recorded on the MD.

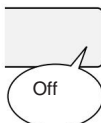
Tok
While "TOC" is blinking ...



The recorded or edited information is being recorded on the MD.

The TOC is recorded at such times. • When recording is stopped • When the input is switched • When the MD is taken out • When the power is turned off

Tok
When "TOC" goes out ...

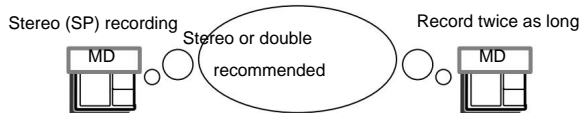


Recorded or edited information is recorded on the MD.

Note Do
Tok
not disconnect the power cord or give a shock to the main unit while "TOC" is displayed or blinking. Recorded or edited information is not recorded.

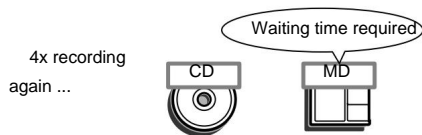
Precautions for 4x long-time recording (LP4) of MD 4x long-time recording

(LP4) realizes long-time stereo recording by a special compression method, so miscellaneous sounds are recorded very rarely. May occur. When recording with an emphasis on sound quality, we recommend stereo (SP) or twice as long recording (LP2). • Songs recorded for 2x or 4x longer time cannot be played on devices that do not support 2x or 4x longer playback.



Restrictions on 4x recording

you record 4x (or 2x) from a CD to MD once and then record again from the same CD at 4x (or 2x), you need to wait until the next recording starts. It becomes. (P.71) • Depending on the scratches, dirt, and recording conditions of the CD, the MD recorded at 4x speed (or 2x speed) may be cut off or noisy. In this case, record at a constant speed.



Precautions

- Do not record near devices such as TVs, PCs, and mobile phones. The recording may be noisy. In that case, turn off the power of those devices or keep them as far away from this product as possible.

Note •

Adjusting the volume, sound quality, sound enhancer, and sound during recording does not affect the recording. • Do not subject the unit to shock or vibration during recording. It may cause skipping.

- If you set the date and time before recording on the MD, the recorded date and time will be recorded. (Even if you set the date and time during recording, the recording date and time will not be recorded.) • You cannot record on a playback-only MD (commercially available music software).

Recording sound

recording

Before

Knowledge
I'm
here

5

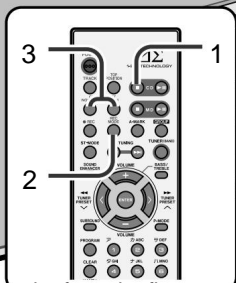
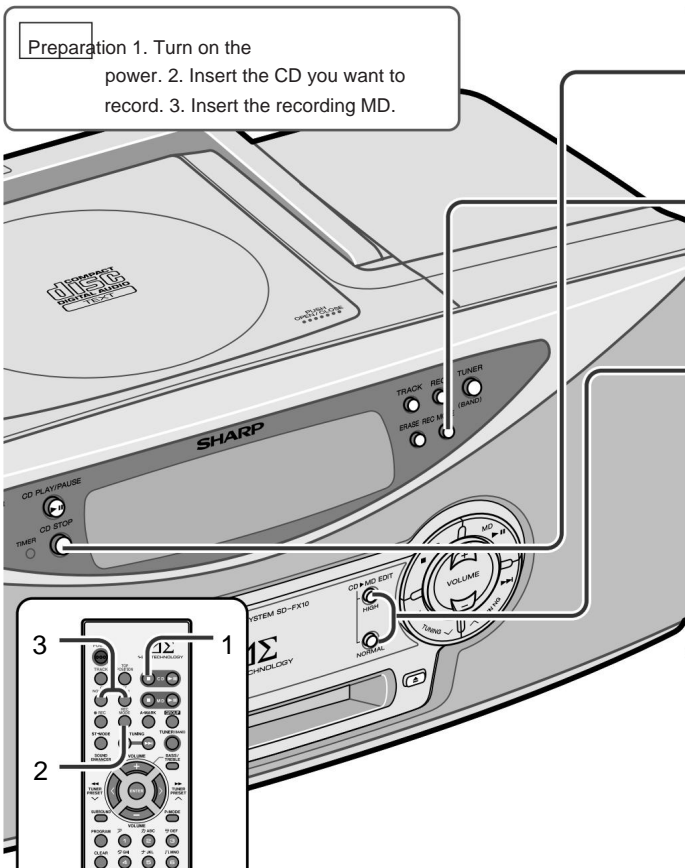


Recording sound

Record in order from the first song on the CD (one-touch edit)

1-BIT MD / CD SYSTEM SD-FX10

Preparation 1. Turn on the power. 2. Insert the CD you want to record. 3. Insert the recording MD.



Record in order from the first song of CD

1 **CD STOP** Press.

12 54:09
CD

2 **REC MODE** Press,
Select a recording mode.

12 54:09
CD
SP LP2 LP4 MONO

Select a recording mode

3 Start recording. Record

at constant speed (normal speed)

NORMAL Press.

Record at 4x speed (high speed)

HIGH Press.

- Recording starts in order from the first song on the CD. •
- When recording from a CD-RW, even if you press, the speed will be doubled.
- Become.
- It will be digital recording. (Analog recording SP.38)

When the CD finishes playing or the MD has no more recording time left, CD and MD will stop.

Press [CD] to stop recording.

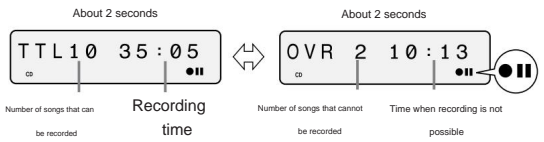
After the CD and MD are stopped, write the song number to the MD.



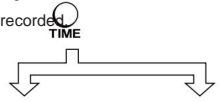
Recording sound

If you can't record all the songs on the CD

The following is displayed and recording does not start.



Press to check again the number and time of songs that cannot be recorded.



When recording only songs that can be recorded Press When not recording.

constant speed Record at 4x speed  Record at

 Press.  Press.

display	Recording mode	Recording time (for 80-minute MD)
SP	Stereo recording 2x	Up to 80 minutes
LP2	long-time recording (stereo) 4x long-time	Up to 160 minutes
LP4	recording (stereo) Monaural recording •	Up to 320 minutes
MONO	Switching is not	Up to 160 minutes

possible during recording. • The recording mode does not change until the next change.

About the song number

CD

1st song, 2nd song, 3rd song

A song B song C song

Recorded MD

1st song 2nd song 3rd song

A song B song C song

• Song number in the same position as the CD Is attached. •

Depending on the CD, the song number of the CD and the song number of the recorded MD may not match.

Note • No

sound can be heard during high-speed recording.

Muting

At this time, if you operate the volume or sound quality, "MUTING" is displayed.

- Depending on the CD, the time for 4x recording (or 2x recording) There may be an error in. Tok
 - Do not subject this product to strong impact or unplug the power cord during recording Tok
- or TOC recording. The TOC may not be recorded correctly and playback may not be possible. • When recording from a CD or CD-R / RW disc to an MD at high speed, it may not be recorded normally depending on the recording status of the disc. In that case, record at a constant speed.

Record in o

5



Recording sound

Record in order from the first song on the CD (one-touch edit) (continued)

1-BIT MD / CD SYSTEM SD-FX10

To check the recording mode and remaining

To record a CD in analog

To switch the display during recording

recording time

Set the input to MD while stopped
Record mode
Press [REC MODE] repeatedly.

SP -022:20
MD

Remaining recording time
in stereo recording mode

LP2 -044:40
MD

Remaining recording time in
2x longer recording mode

LP4 -089:20
MD

Remaining recording time in
4x longer recording mode

MONO -044:40
MD

Remaining recording time in
monaural recording mode

- After displaying the remaining recording time, The display returns to.
- The next time you start recording, you will start recording in the mode confirmed here.

Record from CD-R or CD-RW to MD
Can't copy
At that time, "Can't COPY" may be displayed.
This limits digital recording for copyright protection purposes. In that case, please record as follows.

After steps and on page 100,

record

Press [REC].

Record mode

2. Press [REC MODE] for 3 seconds or longer to **ANALOG**.

ANALOG (Analog recording) To

3. Press [CD] to start recording. You cannot record at 4x (or 2x) speed.

- If you switch from "CD" to another input or turn off the power, the recording settings will return to digital.

display

By repeatedly pressing [DISPLAY] during recording, you can switch between the level meter and MD recording remaining time display.

DISPLAY

1 0:03
CD TOC

Elapsed CD playback time

12 NO NAME
CD TOC

MD song title display

Level meter

Level meter

12 -022:20
CD TOC

MD recording time remaining

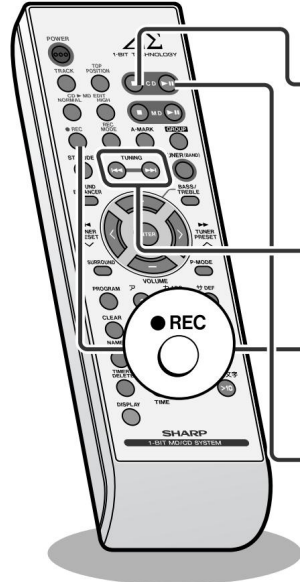
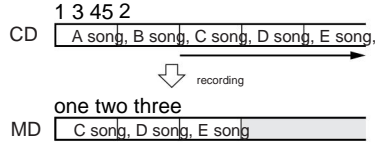
- If you switch the level meter or MD during the remaining recording time, the display remains during recording. When you stop recording, the original display is restored.
- Even if the recording mode is set to "MONO", the level meter during recording is displayed in stereo.

Record in order from the first song of CD

Record from the song in the middle of the CD (synchronized recording)

1-BIT MD / CD SYSTEM SD-FX10

You can select a song in the middle of a CD and record the song and beyond on an MD.



- Preparation 1. Turn on the power.
2. Insert the CD and MD.

Press **1** CD

2 select the recording mode. (P.36)

3 Press **4** press to select the song number
you want to record. The song number
you want to record

3 5 : 03
CD

Press **REC**

It will be in the recording standby state.

3 5 : 03
CD

Press **CD** **II**

3 0 : 03
CD

Recording starts

How to assign a song number by yourself
during recording
record

By pressing [REC], you can add song numbers wherever you like. (After assigning a song number, the next song number cannot be assigned for about 4 seconds.)

Note During synchronized recording, you cannot record at 4x speed (or 2x speed).

- When the CD has finished playing, the MD will be in the recording standby state.
- Press [MD] to stop recording.

5

CD

↓

MD

Recording sound

Record sound

5

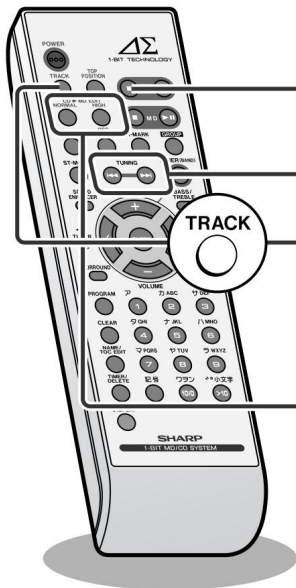
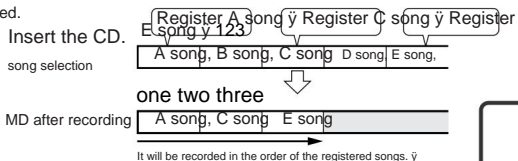


Recording sound

Record only your favorite songs on the CD (My Track Edit)

1-BIT MD / CD SYSTEM SD-FX10

You can register only the songs you like on the CD and record them in the order in which they were registered.



Preparation

1. Turn on the power.
2. Insert the CD and MD.

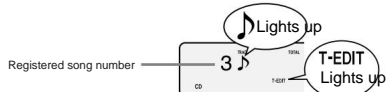
Press CD

2 select the recording mode. (P.36)

Press to select the song number you want to record

Choose.

Press TRACK



5 Repeat steps 3 to 5 to register. (Up to 20 songs can be registered.)

If you select 21 or more songs, "EDIT OVER" will be displayed.

6 Start recording. Record at

constant speed

Record at 4x speed

NORMAL Press.

HIGH Press.
over-

If all songs cannot be recorded, "OVR" will be displayed and recording will not start. (P.37)

When the recording is finished, the song registration will be deleted.

Record only the favorite songs of CD

• To register while listening to the CD 1. While playing

the song you want to record,
truck

Press [TRACK]. (Maximum 20

songs) 2. After registration,

Press [D]. 3.
normal

Yes

Press [NORMAL] or [HIGH] to start recording.

• To cancel the registration of songs before starting recording • To delete

songs one by one: Select the song you want to delete and press [TRACK].
truck

(Turns off the "" mark in the song number.)



• To erase all songs:

Press [D].

Note • When

selecting a song in My Track Edit, you cannot switch from "CD" to another input. If you want to use another input, cancel the song selection. • My Track Edit cannot be used when program song selection or random playback is set. Please cancel the setting. • If you use My Track Edit while repeat playback is set, repeat playback will be canceled.



Recording sound

Record on

5

Radio



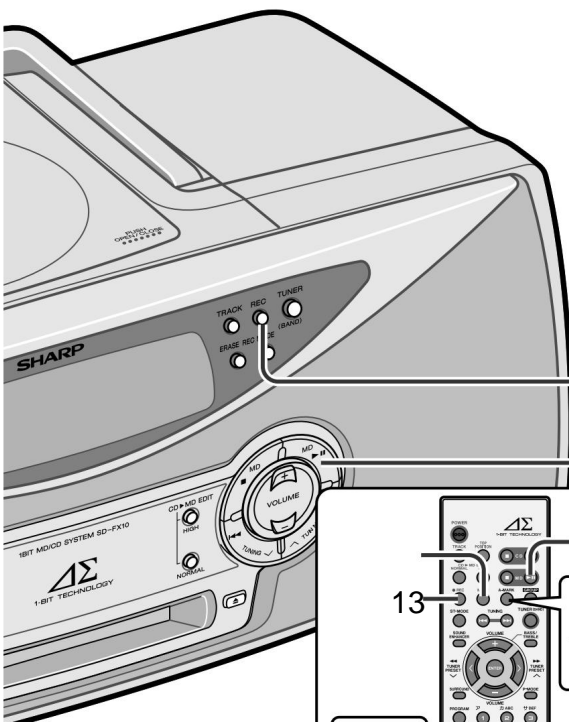
MD



Recording sound

Record a radio broadcast

1-BIT MD / CD SYSTEM SD-FX10

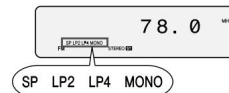


Record radio transmission

Preparation 1. Turn on the power. 2. Insert the recording MD. 3. Receive the broadcast you want to record. (P.24)

1 REC MODE Press,

Select a recording mode.



2 Set the auto mark. (P.43)

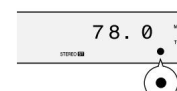


Press

It will be in the recording standby state.



Press



The MD will stop when the remaining recording time on the MD is exhausted.

Press [MD] to pause recording. Press it again to resume recording. The song number will increase by one. Press [MD] to stop recording.



After the MD is stopped, write the song number to the MD.



Recording sound

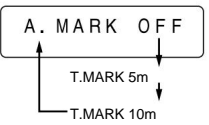
Record ra

About setting how to number songs (auto mark)

A-MARK



Before you start recording, Rimo
Auto mark
You can select how to number the
songs with [A-MARK] on the computer.



A.MARK OFF Initial value OFF

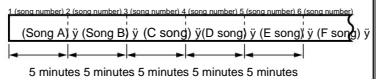
One recording is recorded as a series of songs.

If you stop or pause the
recording, the next time you

resume recording and record MD (A song), the song number will
increase by one.

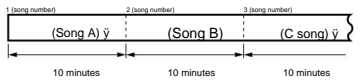
T.MARK 5m Recording

starts, and a song number is added every 5 minutes.



T.MARK 10m

Every 10 minutes after the recording starts, the song number will be added.



Note • The auto

mark song numbers every 5 minutes and every 10 minutes may not be available at the correct

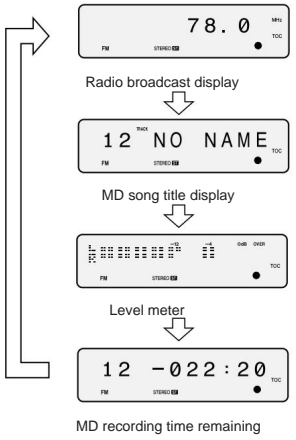
time. Regardless of the auto mark setting, you can press [REC] to add a song number

- wherever you like. (After assigning a song number, you cannot assign the next song number for about 4 seconds.)

• To switch the display during recording display

By repeatedly pressing [DISPLAY] during recording, you can switch between the level meter and MD recording remaining time display.

DISPLAY



- If you switch to the remaining recording time of the level meter or MD, the display remains during recording. When you stop recording, the original display will reappear.

monaural

- Even if the recording mode is set to "MONO", the level meter during recording is displayed in stereo.

Note When

recording an AM broadcast, keep the AM antenna away from the main unit while it is in the recording standby state, and adjust it so that the AM broadcast can be heard most clearly.

Record at the beginning of the recorded MD (top position edit)

1-BIT MD / CD SYSTEM SD-FX10

You can record a song later at the beginning of a recorded MD.

Recorded MD A song B song C song D song

MD D song after recording, A song, B song, C song.

Record after setting to top position edit.

After the recording is finished, it will be moved to the beginning. y

When recording from a CD

- Preparation 1. Turn on the power.
2. Insert the CD and MD.

When recording from the radio

1. Turn on the power.
2. Insert the MD.



TUNER (BAND)
○ Press.

Receive the station you want to record.

2 Select the recording mode. (Fig. 36)

(P.24) Select the recording mode or auto mark.
(P.24, 43)

3 TOP POSITION Press.

Lights up

Press it again to cancel the top position setting.

4 Start recording. Record at

constant speed

Record at 4x speed

NORMAL Press.

HIGH
Press.

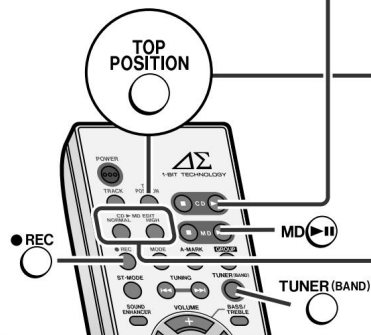
If all songs cannot be recorded, "OVR" will be displayed and recording will not start. (P.37)

● REC Press.

Recording will be paused.

MD  Press.

Press when you have finished recording.



When the recording is finished, the top position setting is canceled. The recorded content becomes the first song number of the MD, and the previously recorded content moves to the song number after the song just recorded. Note You cannot set or cancel the top position edit during recording or in the recording standby state.

Recorded sound Recorded at the beginning of MD

When you start recording from a CD, you can register the songs in **Party Track Edit (P.40)** so that only the songs you like can be recorded at the beginning.

γ About group recording



You can record by singer or album in groups (up to 99 groups). The MD can be played by selecting a group.

If you set the group mode and record ...

Group 1				Group 2				Group 3			
1	2	3	...	1	2	3	...	1	2	3	...
A song	B song	C song	D song	E song	F song	G song	H song	I song	J song	K song	L song

The song number starts from 1 for each group.

When you cancel the group mode and record ...

Disk name											
1	2	3	6	7	8	9	...	11	12
A song	B song	C song	D song	E song	F song	G song	H song	I song	J song	K song	L song

It will be a continuous song number.

Note If you perform a

- group recording operation with this product after recording or editing a group-recorded MD with another device, "? Gr Form," Group form

And then "New Form.OK?" May be displayed. In that case, group recording cannot be performed unless the disc name is New form

erased, so press [ENTER] while "NewForm.OK?" is displayed. (The disc name will be erased.)

New form

If you do not want to erase the disc name: Press [MD] to stop recording.

- If you record or edit a group-recorded MD on another device, it may not work properly. If you use an MD that has been group-recorded on another device with this product, it may not work properly.

γ Group playback By using a group-recorded MD, you can play back by your favorite

group, such as by set album or artist.

Group recording example:

Group 1				Non-group				Group 2				Group 3 Non-group			
1	2	3	4	1	2	3	...	1	2	3	...	1	2	3	...
A song	B song	C song	D song	E song	F song	G song	H song	I song	J song	K song	L song	M song	N song	O song	P song

Songs that are not grouped will be "non-group".
γ In the case of MDs grouped in this way γ Non-group (Displayed as "NON GROUP")

group

When set to group mode ("GROUP" lights up), the song number starts from 1 for each group. You can select a group and

play it.

Group 1				Non-group				Group 2				Group 3 Non-group			
1	2	3	4	1	2	3	...	1	2	3	...	1	2	3	...
A song	B song	C song	D song	E song	F song	G song	H song	I song	J song	K song	L song	M song	N song	O song	P song

Group 1				Group 2				Group 3				Non-group			
1	2	3	4	1	2	3	...	1	2	3	...	1	2	3	...
A song	B song	C song	D song	E song	F song	G song	H song	I song	J song	K song	L song	M song	N song	O song	P song

All non-group songs will be played last.
γ

group

When the group mode is canceled ("GROUP" turns off), the song numbers become continuous.

1	2	3	...	6	7	8	9	10	11	12	13	14	15	16	...
A song	B song	C song	D song	E song	F song	G song	H song	I song	J song	K song	L song	M song	N song	O song	P song

Group recording

About re

Group

recording / playback

Record in groups

1-BIT MD / CD SYSTEM SD-FX10

When recording from a CD W

Recording from the radio

Preparation

1. Set the input to "CD".

2. Insert the CD and MD.

3. Select a recording mode. (P.36)

tuner

1. Set the input to "TUNER".

2. Insert the MD. 3.

Select the recording mode or auto Mark. (P.42, 43)

1

GROUP

Press to turn on "GROUP."

The group recording settings will not change until the next change.

2

Record at constant speed

Record at 4x speed

NORMAL

HIGH

Press.

Press.

REC

Press.

GROUP

Press repeatedly to select the group you want to record. When you want to want to create a new group add to an existing group When you

NEW GROUP

GROUP 1

GROUP 2

GROUP 3

Last group

If the group name is recorded, the group name will be displayed.

You can also

select when not in a group or by pressing.

4

start recording. Record at

constant speed

Record 4x speed

NORMAL

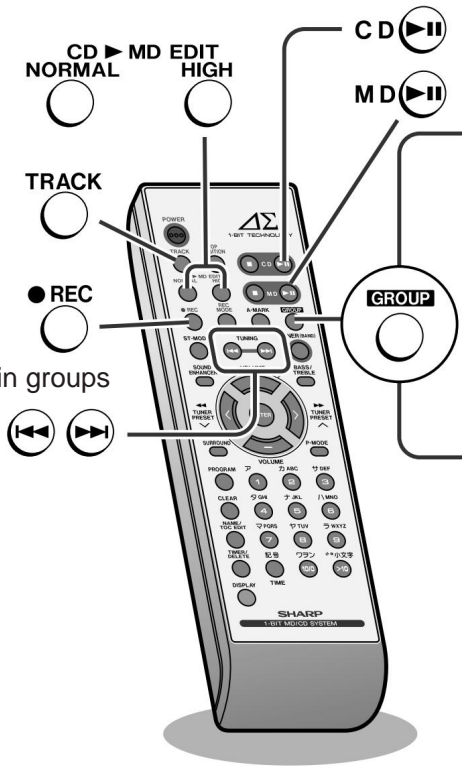
HIGH

Press.

Press.

MD

Press.



Record in groups

Group

recording / playback

over-
If you cannot record all songs from the CD, "OVR" will be displayed and recording will not start. (P.37)

Various group recording methods

1-BIT MD / CD SYSTEM SD-FX10

6

MD

various

Nagu

How to rec

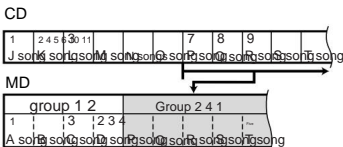
Group

recording / playback

Group recording from songs in the middle of the CD

(Synchro recording)

You can select a song in the middle of a CD and perform group recording after that song.



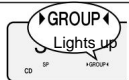
- Preparation 1. Set the input to "CD".
2. Insert the CD and MD. 3. Select a recording mode. (P.36)



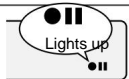
Press to select the song number you want to record.



Press **GROUP**



Press **REC**



Press to select the group you want to record.

group



Press **CD**



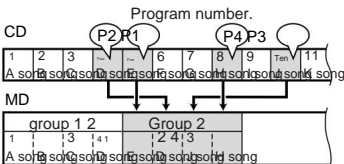
When the CD finishes playing, the MD will automatically stop and enter the recording standby state.

Note When using synchronized recording, you cannot record at 4x speed (or 2x speed).

Group record only the songs you like on the CD

(My Track Edit)

You can record only the songs you like on the CD and record them in the group in the order you registered them.



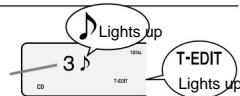
- Preparation 1. Set the input to "CD".
2. Insert the CD and MD. 3. Select a recording mode. (P.36)



Press to enter the song number you want to register

Choose.

Press **TRACK** to register the song number.



Press to register the song you want to record. You can register up to 20 songs.

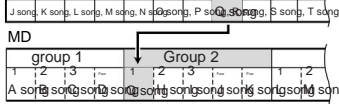
Record groups.

Press Operations to

When the recording is finished, the song registration will be deleted. Information When 99 groups are created, recording to the group is not possible. It will be recorded to a non-group.

For group-recorded MDs, you can also record the song at the beginning of the group later.

CD and radio broadcasts Specified songs



Record at the beginning of the group (top position edit)

When recording from a CD When recording from radio

Preparation

1. Set the input to "CD".
2. Insert the CD and MD. 3. Select a recording mode. (P.36)



tuner

1. Set the input to "TUNER".
2. Insert the MD. 3. Select the recording mode or auto mark. (P.42, P.43)



1

TOP POSITION Press.

Press it again to cancel the top position setting.

(Display of CD)



Lights up

Record groups.

(When recording from a CD



P.46: Operations

(Group recording of only

favorite songs on a CD P.47: Operations



(When recording from a

radio P.46: Operations



to

When the recording is finished, the top position setting will be canceled.

Note • Top

position edit cannot be set or canceled during recording or while recording is paused. • If you have created 99 groups, you cannot record to the groups. • Non-group cannot be selected in the top position edit.



various

Nagu

How to record loops

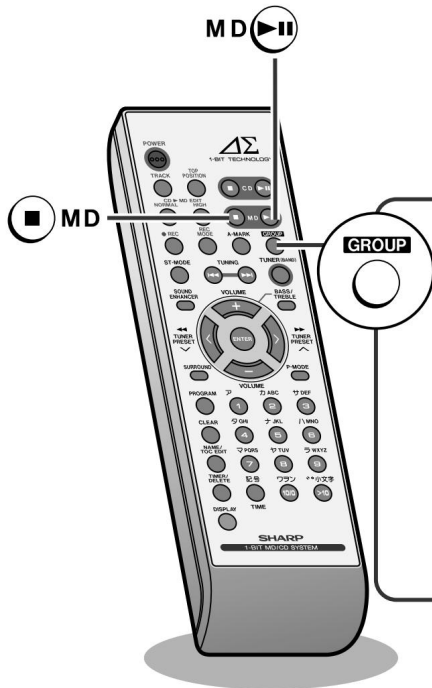
Group

recording / playback

Listen to group-recorded MD

Group-recorded MDs allow you to play back by your favorite groups, such as set albums and artists.

To select the group you want to listen to



Press **MD**

Insert the MD recorded in groups. It will automatically switch to group mode. Show the first group.

Press **GROUP** several times to select the group you want to hear.

You can also select by pressing or.

You can also select by pressing on the main unit.

Press **MD** Playback starts from the first song in the selected group.

GROUP 10 TOTAL 43 : 17

MD

GROUP Lit

Note

When the MD program is selected, the group mode cannot be set. To cancel group mode and listen

1 While stopped, press several times **GROUP** to turn off "GROUP".

You can also turn it off by pressing the main unit for 3 seconds or longer.

Press **MD** Playback starts from the first song of the MD.

6



Listen to group-recorded MD (continued)

1-BIT MD / CD SYSTEM SD-FX10

• Listen from the song you want to

hear (direct song selection)

1 Perform steps 1 to 4 of "To select the group you want to listen to"

conduct. (P. 49) Specify

the song number you want to hear in ~. Playback

starts from the specified song in the selected group.

• Listen repeatedly / listen in no particular order (repeat

playback / random playback)

1 After inserting the MD, press Press to

select the playback mode.

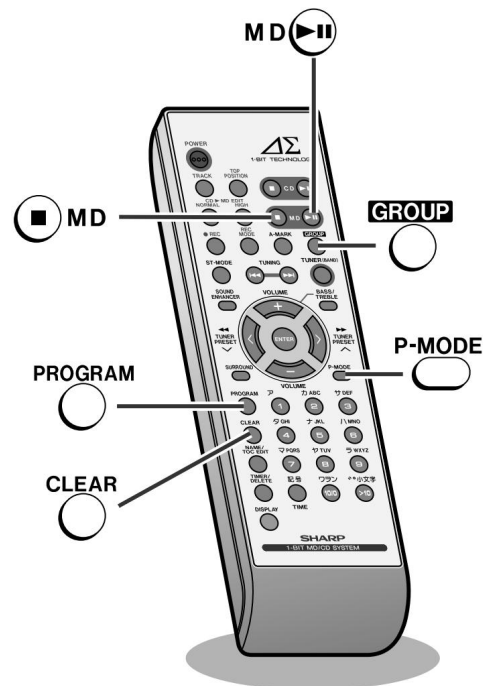
Playback mode display		motion
Normal playback NORMAL		Plays all songs in group order and then stops.
All songs repeat playback		All songs are played repeatedly in group order.
1 song repeat playback	1	Play one song repeatedly.
Random playback	RANDOM	It regenerates in random order within the group, and after playing all songs in the group, the next group is played in random order. Plays all songs in the MD and then stops.

Listen to the recorded MD

Group

recording / playback

Press start playback.





Remember and listen only to your favorite group

(Group program song selection)

With group-recorded MDs, you can play your favorite groups in any order. (Maximum 10 groups)

1 Press MD

2 Insert the MD recorded in groups.
If "GROUP" not lit on the display, press to turn it on.

3 Press.

4 Press repeatedly to select the group with the song you want to hear. You can also select the group with the song you want to listen to or by pressing.

5 Press.

6 Press to and specify the groups you want to hear in order.

7 When registration is complete, press.

8 Press When all the songs in the registered group are played, they will stop automatically.

To cancel registration
Press [CLEAR] while stopped.

PROGRAM
Blinking

Note •
Group programs cannot be registered or canceled during playback or pause. • The group program settings are canceled when the MD recording operation is performed. • When you register a group program, you cannot cancel the group mode. • If you repeat playback after registering a group program, you can listen to only the group you want to listen to repeatedly. • Random playback is not possible when a group program is registered.

I remember registering the group program until I retrieve the MD.

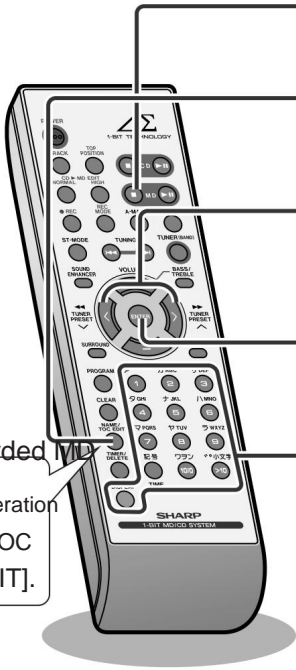
Listen to
Group
recording / playback

7

Give a title to the recorded MD

1-BIT MD / CD SYSTEM SD-FX10

You can give the recorded MD a disc name, group name, or song name of your choice.



Attach a title to the recorded MD.
To cancel the edit operation Name tok
[NAME / TOC edit Press EDIT].

edit
MD

Give a disk name

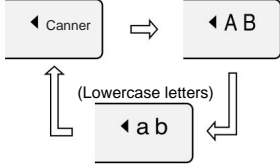
- 1 Insert MD and press **NAME/TOC EDIT**.
12 58:23
MD
- 2 Press **NAME/TOC EDIT**.
DISC NAME
- 3 Within 10 seconds, **Or press** **DISC NAME**.
Disk name Select "DISC NAME".
- 4 Within 10 seconds, press **ENTER**.
(Character input screen)
Canner
- 5 **ア** **1** **>10** **記号** **DISPLAY** Enter characters using **TIME**.
- 6 When you have finished **ENTER** putting, press. The disk name is recorded.

How to enter characters

display

- 1 Press [DISPLAY] and
Select the character type.

(Katakana) (uppercase alphabetic)



Enter two characters.

- Press [1]-[10], [Symbol]
Displayed by the number of times
The characters will switch.
- When moving the cursor,
Press [] or []. >

When entering additional characters

Display the 1-character input screen.

- 2 Press [] or [] to add

Blinks the character at the position you want to add
Let me.

Enter 3 characters.

The original character is to the right one character at a time
Move

enter

Four When the correction is finished, press [ENTER]
push.

Example) When entering "hit A"
display

- Press [DISPLAY] and Katakana
Set to input mode.
- [6] [6] (H)
- [4] [4] [4] [4] [4] [4] ... ()
Lowercase
- Press [] to move one character.
- [4] [4] [4] [4] [4] (G)
display
- Press [DISPLAY] and use alphanumeric characters
Set to input mode.
- [2] (A)

When deleting characters

Display the 1-character input screen.

- 2 Press [] or [] to remove

Flash the character you want to remove.
timer delete

- 3 Press [TIMER / DELETE].

enter

Four When the correction is finished, [ENTER]
Press.

Types of characters that can be entered with the remote control

Character input	DISPLAY	Alphanumeric input mode	
		uppercase letter	Lowercase
Katakana button input mode			
ア ①	Aiueo 1 Ayeo		1
カ ABC ②	Kakikukeko ABC 2		abc 2
サ DEF ③	Sasis Seso DEF 3		def 3
タ GHI ④	Tachitsuteto GHI 4		ghi 4
ナ JKL ⑤	Nani Nuneno JKL 5		jkl 5
ハ MNO ⑥	Hahifuheho MNO 6		mno 6
マ PQRS ⑦	Mamim Memo PQRS 7		pqrs 7
ヤ TUV ⑧	Yayuyo TUV 8		tuv 8
ラ WXYZ ⑨	Larilero WXYZ 9		wxyz 9
ワラン ⑩	Waon	0 space 0 space	
小文字 >10	Space Switching between uppercase and lowercase letters (the size of the numbers does not change)		
記号 TIME	, / : ? & () ! " # \$ % * ; < = > @ _ + ' Space		

Record

sound

death

rice field

M

D

To

rice paddy

stomach

door

Le

of

One

hair

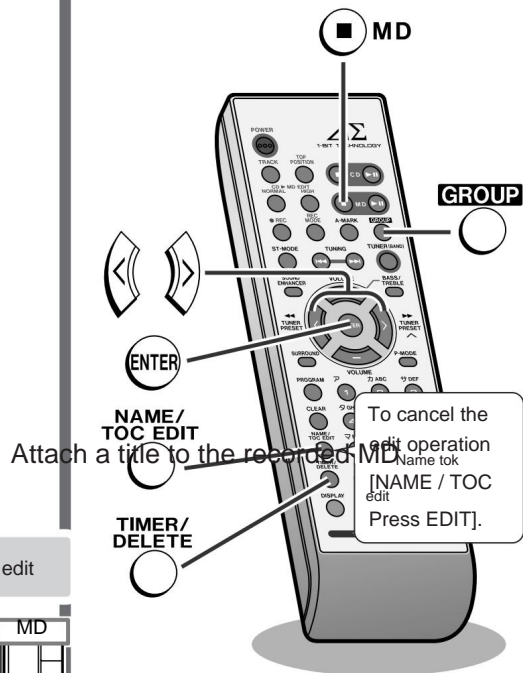
Ru

edit

MD

Give a title to the recorded MD (continued)

1-BIT MD / CD SYSTEM SD-FX10



Give a group name

- 1 Insert MD and press.
- 2 Press to select the group you want to name.
- 3 Press.
- 4 Within 10 seconds or press group name
Then select "GROUP NAME".
- 5 Within 10 seconds Press.
(Character input screen)
- 6 Enter characters.
- 7 When you have finished pressing, press. The group name is recorded.

Information

It is not possible to give a group name to a non-group.

Give a song title

- 1 Give song title While playing a song
 Press.
- 2 Within 10 seconds or press truck name
Then select "TRACK NAME".
- 3 Press within 10 seconds .
(Character input screen)

The current song will be played repeatedly.
- 4 Enter characters.
- 5 When you have finished pressing, press. The song title is recorded and normal playback is resumed.

Note You

can give a song title when a song is selected while it is stopped, or while it is paused or recording. If you are recording, please complete the registration of the song title before the recording of the song is finished.



Note • For

MDs recorded in groups, if the group mode is

canceled
Group disk

"GROUP DISC" is displayed and the edit operation cannot be performed. Set the group mode and operate. • Katakana may not be displayed properly on other devices.

- The title can be up to 40 characters each. When it's full

name full
"NAME FULL" is displayed. • Up to about 1,700 characters on a single MD.

Tok full

When it is full, "TOC FULL 1" is displayed.

- MDs with titles of 40 characters or more on other devices cannot correct the characters.

In that case, delete the disc name, group name, and song name once. • Add "/" to the title in succession

I can not do it.

- If you enter "LP:." at the beginning of the title, it may not be displayed. (P.77)



To erase the entered title

ÿ Erase the disk name

- 1 Insert MD and press [MD].
Name Tok Edit
- 2 Press [NAME / TOC EDIT].
- 3 Within 10 seconds, press [] or [].
Disk name
Press and select "DISC NAME".
timer delete
- 4 Within 10 seconds, press [TIMER / DELETE] for at least 3 seconds.

NAME CLEAR?

- enter
The disk name is erased.

ÿ Erase the song title

- 1 While playing a song whose name you want to erase
Name Tok Edit
- 2 Press [NAME / TOC EDIT].
- Within 10 seconds, press [] or [].
track name
Press and select "TRACK NAME".
timer delete
- 3 Within 10 seconds, press [TIMER / DELETE] for at least 3 seconds.

NAME CLEAR?

- enter
4 Press [ENTER]. The song title will be deleted.

ÿ Erase the group name

- 1 Insert MD and press [MD].
- 2 Press [] or [] to select the group name you want to delete.
Name Tok Edit
- 3 Press [NAME / TOC EDIT].
- 4 Within 10 seconds, press [] or [].
Group name
Press and select "GROUP NAME".
timer
- 5 Within 10 seconds, press [TIMER / DELETE] for at least 3 seconds.

NAME CLEAR?

- enter
6 Press [ENTER]. The group name will be erased.

To erase

edit

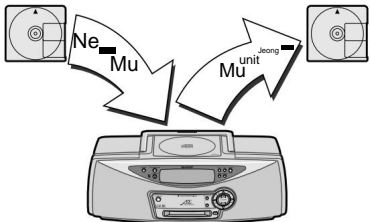


7

Make a note of the title of the CD or MD and copy it to another MD

1-BIT MD / CD SYSTEM SD-FX10

You can memorize the title and copy it to another MD.



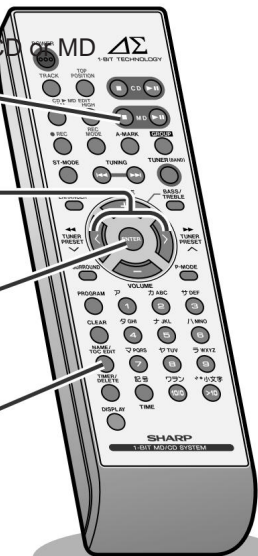
Memo the title of CD or MD



Copy to another MD



NAME/
TOC EDIT



Make a note of the title (name memo)

Make a note of the CD title Make a note of the MD title

1



Insert the marked CD ...

Display the disc name or song name.

BEST HIT

Insert the MD with the name ...

Display the disc name, group name, and song name.

BEST HIT

2

NAME/
TOC EDIT

Press.

3

Within 10 seconds, or press, select "NAME MEMO".

name

NAME MEMO

4

Within 10 seconds, press.

Press

or to select the memo numbers M6 to M20 to memorize.



Memo number

M1: BEST
M2: SINGLES
M3: ALBUM
M4: MY FAVORITES
M5: LIVE

M1 to M5 are registered from the beginning. If you remember it here, it will be changed to the new title.

M6: (Unregistered) ~

~

M20: (Unregistered)

I will memorize it here.

• To cancel, press.



Press

The title is memorized in this product.

M 6 : CHART

If

you

remember the title

Give a memo title (name copy)

1 Enter the MD you want to give a title to and Press.

2 Select the disc name, group name, or song name you want to give a title to. Disc name display example Song number display example Group name display example

GROUP 1

1: LOVE SO

BEST HIT

3 Press.

4 Within 10 seconds, or press.
Name copy
Select "NAME COPY".

NAME COPY

5 Within 10 seconds, press.

Copy to another MD

6 Press or press to select the title you want to use.

(M1 to M20 P.50)

• To cancel, press.

M 13 SINGLES

7 Press. At this

time, you can change the displayed title to your liking.

SINGLES ◀ Canner

8 Press again. The title is copied to the MD.

To select the disc name to give a title to, MD press to display the total number of songs and total playing time. If you want

- to give a disc name, cancel the group mode.

To choose a song number to give a title Or press repeatedly.

Press repeatedly to select the group name to give the title.

Note • If

the power cord is unplugged or the power is stopped for one day or more, the stored title will be erased. • When the group mode is set, the disk name is not displayed. To use "Name Memo" or "Name Copy" for the disk name, cancel the group mode before operating. (At this time, if you select the edit menu,

Group disk
"GROUP DISC" is displayed, but continue the operation.) • One "name memo" can be up to 25 characters is.

After 26 characters are not remembered. • If you do a "name copy", the previously attached title will disappear. • You cannot make a "name memo" or "name copy" during recording.

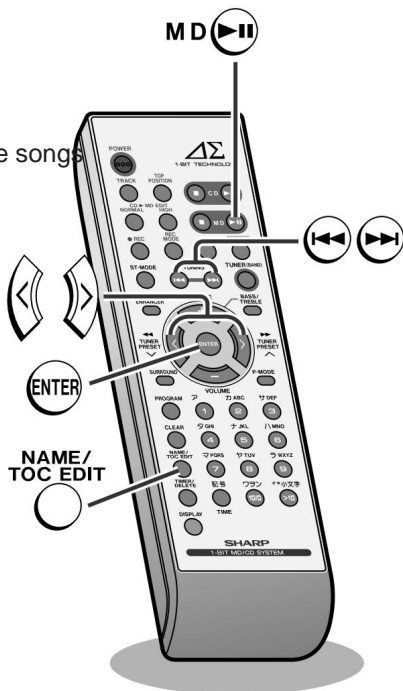
Memo the

Copy to and

edit



Compile songs



Connect two songs into one (combine)

Before connecting

one	two	three	
A song	B song	C song	D song

After connecting.

one	two	three	
A song, B song, C song			D song

1 While stopped, press or to select the song number behind the connection.

4 4 : 12

2 NAME/TOC EDIT Press.

3 Within 10 seconds, or press combine Then select "COMBINE".

COMBINE

4 Within 10 seconds, press.

3 + 4 ?

NAME/TOC EDIT • To cancel, press.

5 Press again. The songs are connected and stop at the beginning of the connected songs.

Information

- You can also pause the song behind.
- For two songs that are not consecutive, use "Move" to make the two songs continuous, and then connect them.
- You cannot connect digitally recorded songs and analog recorded songs.
- You cannot connect songs with different recording modes.
- Short songs (stereo recording: 12 seconds, monaural recording, 2 times longer recording: 24 seconds, 4 times longer recording: 48 seconds) may not be connected.

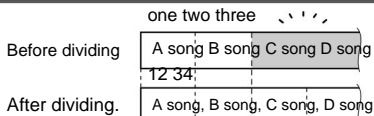
- If two songs have a song title, the previous song title will be added. However, songs recorded on other devices may not have a song title.
- For two songs in another group, use "Group Change" (P.61) to connect the two songs in succession.
- If non-group songs cannot be connected, use "Group Arrange" (P.62) to move the songs before connecting.



edit



Divide one song into two (divide) Move



1 During playback, when you want to divide **MD** song, press to pause.

2 **NAME/TOC EDIT** Press.

3 Within 10 seconds, or press **Divide**
Then select "DIVIDE".

DIVIDE

4 Within 10 seconds, press.

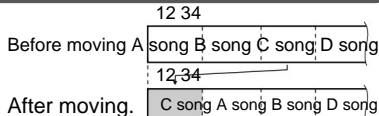
DIVIDE OK?

• To cancel, press **NAME/TOC EDIT**

5 Press again **ENTER**

The songs are split and stop at the beginning of the song behind.

song (move)



1 While stopped, press or select a song to move.

2 **NAME/TOC EDIT** Press.

3 Within 10 seconds, or press **Move**
Then select "MOVE".

MOVE

4 Within 10 seconds, press.

Press or to move

Select the previous song number.

4 > 2 ?

• To cancel, press **NAME/TOC EDIT**

6 Press again **ENTER**

The song moves and stops at the beginning of the song.

Information •

Up to 255 songs can be separated with one MD.

However, it may not be possible to divide songs even if the number of songs is 254 or less. (P.77)

• If the songs to be separated have a song title

and recording date and time, the same song title and recording date and time will be attached to both songs.

Tok

However, if there is no space to register the text information in the TOC, the song title and recording date and time will not be attached to the song behind. • While playing the song you want to move, you can press [MD] to operate it even if it is paused.

• Songs in a group can only be moved within the group. To move to another group, use "Group Change" (P.61) to move the song.

Compile

edit



Erase songs and groups

1-BIT MD / CD SYSTEM SD-FX10

Erase one song at a time (track erase)

- 1 While stopped, press or to select the song number you want to erase.

2 4 : 52

• You can also do this while playback is paused.

ERASE
Press

Erase songs and groups

ERASE 2 ?

• To cancel, press MD

- 3 Press again for at least 3 seconds.

COMPLETE

• One song disappears. • If you delete all the songs in a group, that group will also disappear.

Erase all songs (all erase)

- 1 Insert MD and press

12 42 : 33

ERASE
Press

ALL ERASE?

• To cancel, press MD

- 3 Press again for at least 3 seconds.

COMPLETE

BLANK MD

• All songs will disappear.

Erase the group (group erase)

- 1 While stopped, press repeatedly to select the group you want to erase.

GROUP 1

You can also select by pressing or.

- 2 NAME/TOC EDIT Press.

- 3 Within 10 seconds, or press Group & Track Erase. Then select "Gr & Tr-ERASE".

Gr & Tr-ERASE

- 4 Within 10 seconds, press.

Gr ERASE OK?

• To cancel, press NAME/TOC EDIT

- 5 Press again. ENTER

COMPLETE

• The selected group will be deleted.

Only these operations can be performed on the main unit.



edit



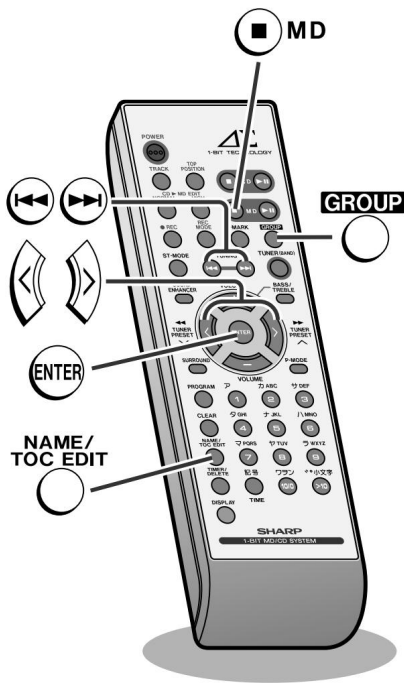
- Remote control [NAME / TOC EDIT] Track erase All
You can also delete by Erase selecting "Tr-ERASE" or "ALL ERASE".

Note If you delete a song or group, it cannot be restored. Make sure that you can erase it before operating.

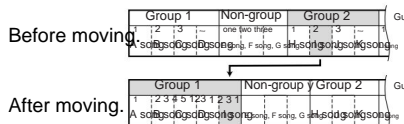
Edit the group

1-BIT MD / CD SYSTEM SD-FX10

7



Move a song to another group (group change)



1 Insert MD and press. **MD**

Press **GROUP** to select the group that contains the song you want to move.

GROUP 1

3 Press or press to select the song you want to move.

2 4 : 52

NAME/TOC EDIT Press.

5 Within 10 seconds or press

Group change

Then select "Gr-CHANGE".

Gr-CHANGE

6 Within 10 seconds Press.

7 Press,

Select the destination group.

GROUP 3

Press ENTER

CHANGE OK?

To cancel, press.

9 Press again. The song moves and stops at the beginning of the song.

Note If you

move all songs to another group, that group and group name will disappear. Notice

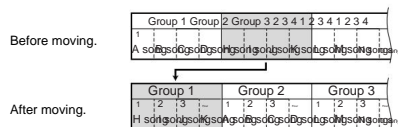
regarding group editing • If you edit a group-recorded MD with another device, it may not work properly. • If you edit an MD that has been group-recorded on another device with this product, it may not work properly.

Compile

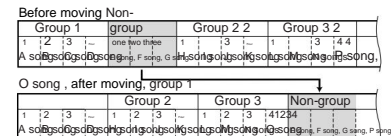
edit



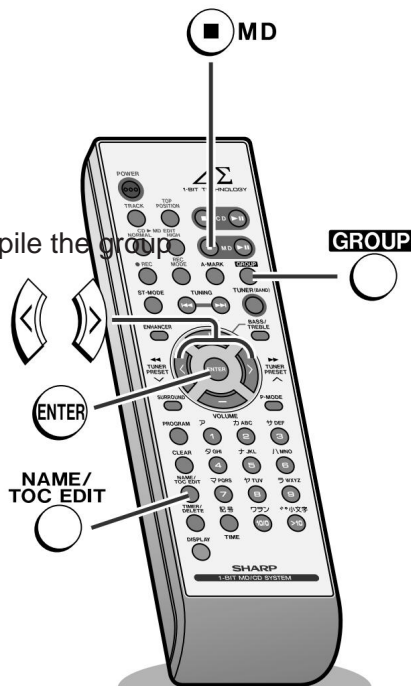
Move group to the beginning (Group top move)



Move non-group songs to the end of MD (group arrangement)



Compile the group



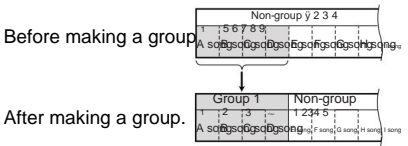
edit



1. Insert MD and press. **MD**
2. Press **GROUP** to select the group you want to move.
3. Press **NAME/TOC EDIT**.
4. Within 10 seconds, or press **Gr-ARRANGE**.
Group top move
Then select "Gr-TOP-MOVE".
Gr-TOP-MOVE
5. Within 10 seconds, press **ENTER**.
Gr-MOVE OK?
* To cancel, press **NAME/TOC EDIT**.
6. Press again. The group will move.

1. Insert MD and press. **MD**
2. Press **NAME/TOC EDIT**.
3. Within 10 seconds, or press **Gr-ARRANGE**.
Group arrangement
Then select "Gr-ARRANGE".
Gr-ARRANGE
4. Within 10 seconds, press **ENTER**.
ARRANGE OK?
* To cancel, press **NAME/TOC EDIT**.
5. Press again. The non-group song moves to the end of the MD.

Group songs that are not in a group (group entry)



1 Press while stopped.

NAME/TOC EDIT

2 Within 10 seconds, press

Group entry

Then select "Gr-ENTRY".

Gr-ENTRY

3 Press within 10 seconds.

ENTRY OK?

• To cancel, press.

NAME/TOC EDIT

4 Press again.

ENTER

START TNO.

Press or to glue

Select the first song you want to play.

The non-group song numbers are displayed in order from 1.

1 4:48

Press

END TNO.

Press or to glue

Select the last song you want to play.

4 3:32

Press

1- 4 OK?

• To cancel, press.

NAME/TOC EDIT

5 Press again. The selected songs are grouped.

Note If

you perform group arrangement or group entry, all non-group songs will be moved later, so you may not know the order of the songs and you may not be able to restore them. Make sure that you can move it before operating it.

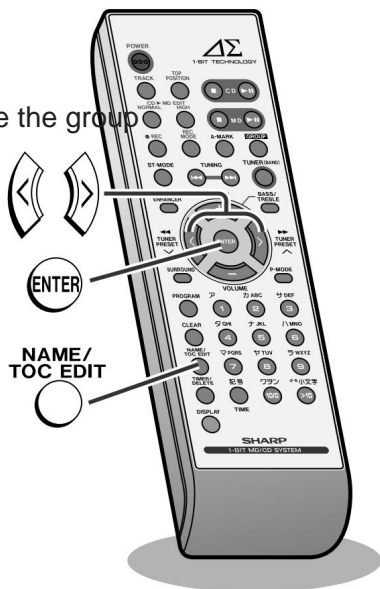
Note • If the

group name is recorded, the group name does not change even if you perform a group top move. • Group Top Mu for the first group

Can't edit

When I try to do it, "Can't EDIT" is displayed and I cannot operate it. • Non-groups and groups with no recorded songs cannot perform group top move.

Compile the group



Create a group (group reserve)

Group 1				Group 2			
1	2	3	4	1	2	3	4
A song	song	song	song	A song	song	song	song

The song will be recorded later.

- 1 Press while stopped.
- 2 Within 10 seconds, press Group reserve
Then select "Gr-RESERVE".
- 3 Press within 10 seconds
 - To cancel, press.
- 4 Enter characters. (P.53)

You cannot create a group without the group name.
- 5 When you have finished inputting, press. The group is created.

Delete group information (group cancellation)

Before canceling

Group 1				Group 2			
1	2	3	4	1	2	3	4
A song	song	song	song	A song	song	song	song

After canceling 1A song 2B song 3C song 4D song 5H song 6I song 7J song 8K song 9L

- 1 While stopped, press for 3 seconds or longer.
- 2 Press within 10 seconds
 - To cancel, press.
- 3 Press again.

The group information disappears.

Notes • If

you cancel a group, all group information will be deleted.

Please check carefully before operating. • When you reserve a group, you cannot delete the name of the group until you record the song.

About timer playback and timer recording

1-BIT MD / CD SYSTEM SD-FX10

8

You can listen to CD, MD, and radio broadcasts at the set time. (Timer playback) You can also record a radio broadcast on an MD. (Timer recording) There are two types of this product, "Once timer" and "Daily timer".

What is Once Timer? The

timer can be operated only once. This is convenient in such cases. Recording a radio broadcast only for that day, etc ... (After the end, the timer setting will be canceled.)

What is a daily timer? You can

run the timer at the same time every day. This is convenient in such cases. Use it as an alarm clock every morning, record a radio broadcast at the same time every day, etc.

Note

Other devices cannot be operated with the timer settings of this product. Timer recording is not possible at the following times. • When a playback-only MD is included • When the MD is in the accidental erasure prevention state (P.34)

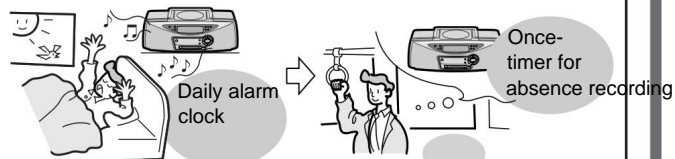
- When there is no part that can be recorded on the MD ("TOC FULL", "DISC FULL" state, etc.)
- When the MD data is abnormal (such as "Can't REC" status)

Tok full disk



Can't record

The once timer and daily timer can be used in combination. For example, you can use the daily timer as an alarm clock every morning, while the once timer allows you to record the radio broadcast of the day.

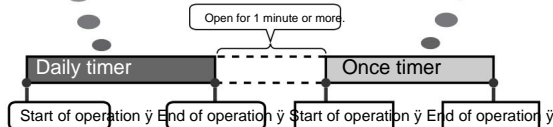


① Set the daily timer.

(P.66 to 67)

② Set the once timer.

(P.66-67)



If the daily timer and the once timer overlap, the once timer will be given priority, so please wait at least 1 minute.

Precautions for

power failure If the power cord is unplugged or there is a power failure after setting the timer, the clock will stop after about 10 minutes and the timer setting will also be canceled. In that case, set the timer again.

About timer

Convenient

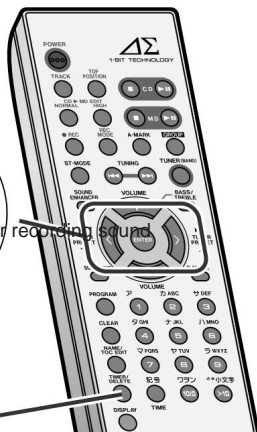
timer

Set timer playback and timer recording

1-BIT MD / CD SYSTEM SD-FX10

1 Set the clock before using the timer. (P.18) The timer cannot be used unless the clock is set. 2 Prepare for playback or recording.

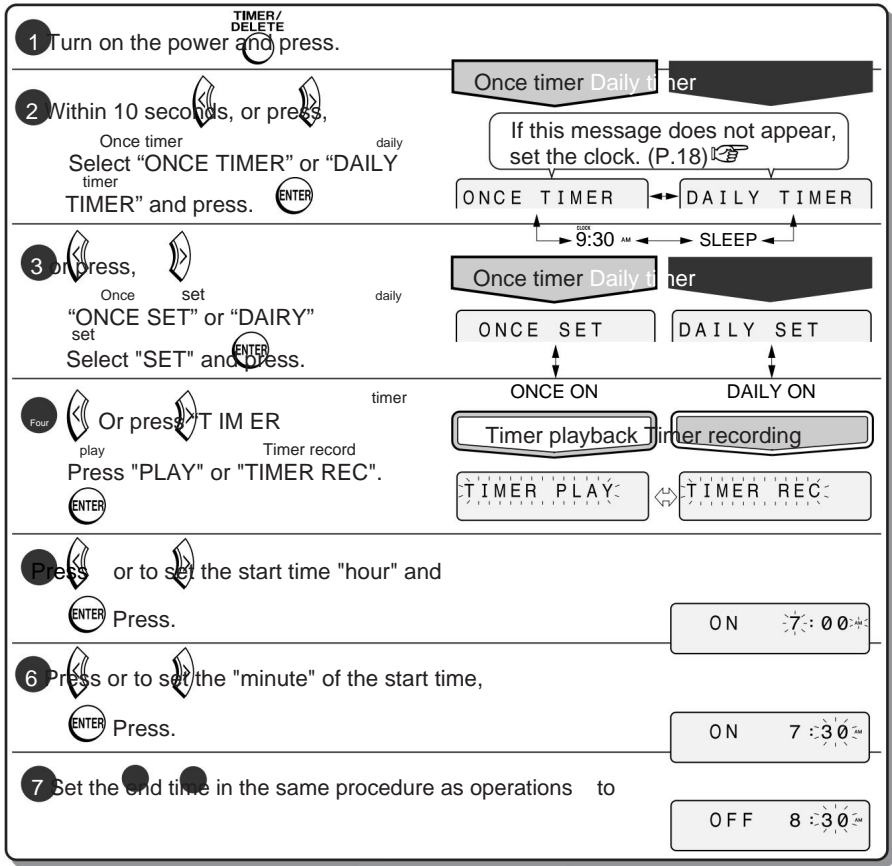
- Insert the disk required for playback or recording.
- Register a broadcasting station when listening to or recording a radio broadcast. (P.26)



timer regeneration and timer recording sound

Convenient

timer




Continue to operation 8

Timer play

When "TIMER PLAY" is selected
(when timer playback is performed)

8 Press or, select the input you want to hear, and press.




tuner

When you select "TUNER" ...

Or press

Select the desired station and press.

Preset number



9 or press, Set the volume and press.

POWER Press to turn off the power.


The timer playback settings are complete.

Timer record

When "TIMER REC" is selected
(when recording with a timer)

8 When "TUNER" is displayed, press.

9 or press, Select the desired station and press. Preset number



When "MD REC" is displayed, press. and others,

11 Press or. Select a recording mode (P.42)

SP LP2 LP4 MONO

12 Press or to set the volume and press.

13 POWER Press to turn off the power.

The timer recording settings are complete.


If the broadcasting station is not registered
No preset
"No P.SET" is displayed and the setting operation is completed. In this case, after registering the broadcasting station, start over from step

Information

- Timer recording on a group-recorded MD
Non-group
Then, it will be recorded in "NON GROUP". •
When MD timer playback is set to group mode, playback starts from the group selected before the power is turned off.

Note • If
the power is turned on at the timer start time, timer playback or timer recording will not start.

After setting the timer ...



(P.68)

Set
the

timer regene

Convenient

timer

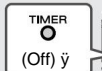
After setting the timer ...

The timer is on standby.



When the timer start time comes ... Timer playback or timer recording starts. During timer playback, the volume will gradually increase.

It is in the state of being operated by the timer.



(Example) y



Once timer y
Playback y

ONCE REC
DAILY REC

: Once timer recording:
Daily timer playback: Daily timer recording

When the timer ends ... The power turns off automatically.

Once timer

Daily timer

When you want to check the settings of the once timer or daily timer

- 1 Press [TIMER / DELETE].
- 2 Select "ONCE ^{Once timer} TIMER" or "DAILY TIMER" with [] or [], and press [ENTER]. ^{Daily timer}
- 3 Select "ONCE ^{Once call} CALL" or "DAILY CALL" with [] or [] and select ^{Daily call}
Press [ENTER]. The settings are displayed in order.

When you want to cancel the once timer or daily timer

- 1 Press [TIMER / DELETE].
- 2 Select "ONCE ^{Once timer} TIMER" or "DAILY TIMER" with [] or [], and press [ENTER]. Select "ONCE OFF" or "DAILY OFF" with [] or [], ^{Daily timer}
- 3 ^{Once off} ^{Daily off}
Press [ENTER]. The timer is canceled. (The set contents will not be erased.)

When using the timer again with the same content

If you do not want to change the contents, follow step 3 for "ONCE ON" or "DAILY on". ^{Once on} ^{daily on}
If you select "ON", the settings will be reset with the same contents.

Once off

The timer setting is canceled and the status becomes "ONCE OFF".



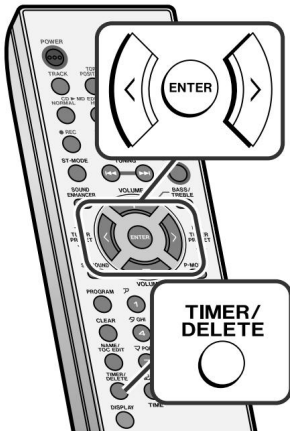
Just turn off the power and the timer will start again the next day at the same time. The timer runs every day until you unset the daily timer. When not in use, cancel the daily timing.

Convenient

timer

Good night while listening to music (sleep)

You can turn off the power at the set time while listening to MD / CD / radio broadcasts.



1 Press while playing the song you want to hear.

2 Within 10 seconds, or press **[SLEEP]** Select "SLEEP" and press.

Press **[LEFT]** or to sleep time To set.

Choose a sleep time

• It can be set from 1 minute to 2 hours. • You can set from 5 minutes to 2 hours in 5 minute increments, and from 1 minute to 5 minutes in 1 minute increments.

Press **[ENTER]**

The sleep operation starts.

At the end of sleep time, playback ends and the power turns off.

One minute before the end, the volume gradually decreases. At this time, the volume cannot be changed.

1-BIT MD / CD SYSTEM SD-FX10

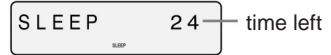
To check the remaining time during sleep

1. During sleep operation,

timer delete
Press **[TIMER / DELETE]**.

2. Press **[LEFT]** or **[RIGHT]** to

sleep
Select "SLEEP".



• It will return to the original display after about 10 seconds. • You can change the time by pressing **[ENTER]** when the remaining sleep time is displayed. (Operations **[LEFT]** to **[RIGHT]** on the left)

To wake up Sleep is woken up when the power is turned off. If you want to wake up only sleep without turning off the power, you can also wake up by the following operation. 1. During sleep operation

timer delete
Press **[TIMER / DELETE]**.

2. Press **[LEFT]** or **[RIGHT]** to

Sleep off
Select "SLEEP OFF".

3. Press **[ENTER]**.

sleep
Sleep is released ("SLEEP" goes out).

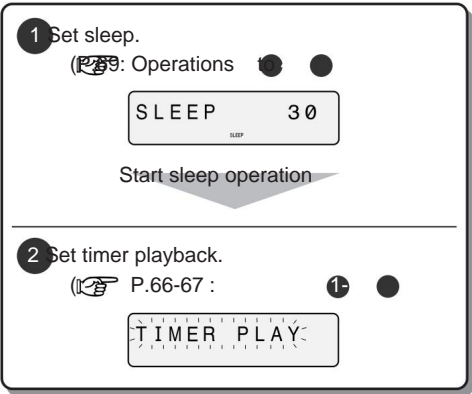
8

Use a combination of sleep and timer

1-BIT MD / CD SYSTEM SD-FX10

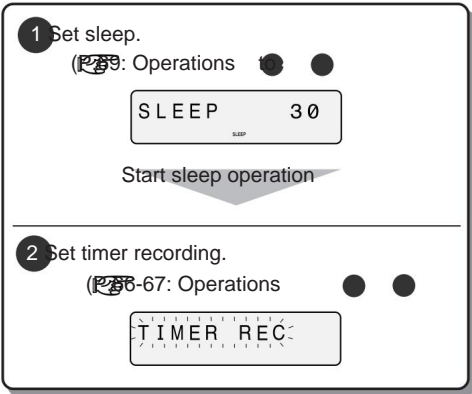
With sleep and timer playback

For example, you can sleep while listening to a radio broadcast and wake up with music on a CD the next morning.



With sleep and timer recording

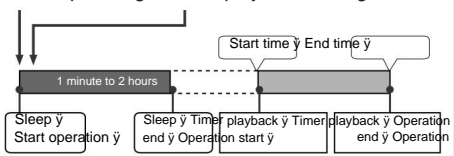
For example, you can sleep while listening to a CD and record a radio broadcast during the night.



Use a combination of sleep and timer

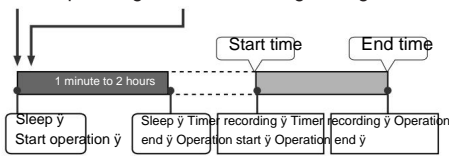
When the sleep time expires, the power turns off, and when the timer playback starts, the power turns on automatically and timer playback starts.

1 Sleep setting 2 Timer playback setting



When the sleep time expires, the power turns off, and when the timer recording start time comes, the power turns on automatically and timer recording starts.

1 Sleep setting 2 Timer recording setting



Note • You cannot set the once timer during recording. Timer recording is not possible at the following times. • When a playback-only MD is included • When the MD is in the accidental erasure prevention state (P.34) • When there is no part that can be recorded on the MD

Tok full Disk full ("TOC FULL", "DISC FULL" status, etc.) • When MD data is abnormal ("Can't REC" status, etc.)

Convenient

Sleep

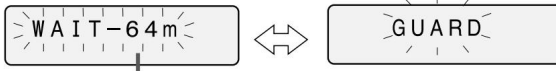
Restrictions on 4x recording

This product can record from CD to MD in a quarter of the normal time. (When recording from a CD-RW, it is halved.) For 4x (or 2x) recording, there are restrictions for copyright protection.

"Restrictions for copyright protection" When recording from CD to MD at 4x speed (or 2x speed) once and then recording from the same CD again at 4x speed (or 2x speed), until the next recording is started. , Waiting time is required.

The same CD can start the second 4x (or 2x) recording 74 minutes after starting the first 4x (or 2x) recording.

For example, if a 4x (or 2x) recording from a CD to an MD finishes in 10 minutes, you will have to wait 64 minutes to make another 4x (or 2x) recording from the same CD.



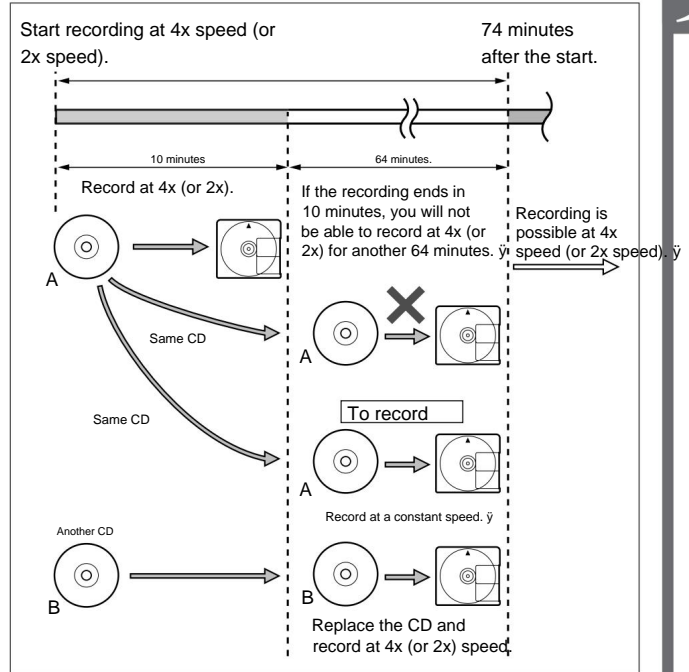
Time to wait (64 minutes)

If you want to make a second recording from the same CD within 74 minutes, record at a constant speed.

You will not be able to record at 4x (or 2x) for 74 minutes in the following cases: • When you stop recording at 4x speed (or 2x speed) in the middle, or try to record again from a CD that has recorded even one song at 4x speed (or 2x speed).

- After recording 4x (or 2x) from 20 CDs
When trying to record the 21st piece.

1-BIT MD / CD SYSTEM SD-FX10



Note No

sound is heard during 4x (or 2x) recording.

Consideration

About CD

What discs can be used?



Those with the mark on the left on the disc label side, etc.
Discs that meet JIS standards

Please use (CD-R) (CD-RW).

Note

This unit cannot guarantee the operation or sound quality of "copy control CDs" that do not comply with the CD standard (compact disc digital audio). If there is a problem with only such a special disc, carefully read the indications on the disc, package, printed matter, etc., and contact the disc vendor for details.

When to hold an optical disc?

Do not touch the playback surface. Be sure to hold the edge. Dust, scratches, and deformation on the playback surface may cause noise and

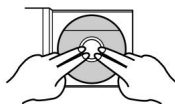


How to put in and out of the case?

Hold the center holder and bring it out without touching the playback surface.



Insert it by pressing it from above with the side with the letters facing up.



Handling precautions

Do not write on the printed surface with a hard pencil or ballpoint pen. It also affects the playback surface and causes



malfunction. Do not attach labels or

stickers. Do not use cellophane tape, labels, or other items that have glue that sticks out or has been peeled off. Playing it back as it is may cause a malfunction.

Do not use discs with special shapes (heart-shaped, octagonal, etc.). It will be the cause of the failure.



Care

If the recycled surface becomes dirty, wipe it straight from the center to the edge with a soft cloth.



Wiping in the opposite direction of the arrow or turning in the direction of rotation may cause scratches. Do not use the following: • Solvents such as benzine and alcohol • Cleaners for records • Cleaners containing abrasives • Antistatic agents

Precautions for storage

Be sure to store it in a special case to avoid dust, scratches, and deformation. Do not place it in the following places. • A place exposed to direct sunlight for a long time. (Especially in a closed car) • Places with high temperature or high humidity. • A place where sand and dust can easily get inside the special case. (Seaside, sand, etc.)

About MD

1-BIT MD / CD SYSTEM SD-FX10

9

About the type

Play-only MD



The shutter is
(back side) label y
on one side.

Commercially available music software is this type. It uses the same optical disk as a CD. It cannot be recorded or edited.

MD for recording / playback



There are
shutters on both sides. y

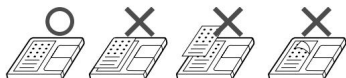
It is a "raw disc" that can also be recorded. Since it uses a magneto-optical disk, it can be recorded repeatedly.

Handling Note that sand dust

entering through the gaps in the cartridge and dirt on the cartridge may cause malfunctions, so be careful of the following. Do not touch the disc directly. Do not open the shutter and touch the disc directly. The shutter will break if you force it open.



Precautions when attaching the label If you do not attach the label correctly, the MD may get stuck inside and you may not be able to remove it.



- Paste correctly in the designated place (inside the area).

(Please do not paste outside the designated area.)

- Do not stack and paste labels. • If the label is flipped or floating, replace it with a new label.

Precautions for storage Be

sure to store in a special case to avoid dust, scratches, deformation, etc. Do not place it in the following places. • A place exposed to direct sunlight for a long time. (Especially in a closed car) • Places with high temperature or high humidity. • A place where sand and dust can easily get inside the special case. (Seaside, sand, etc.)

About ATRAC (Audio Compression Technology)

Atrac

ATRAC (Adaptive TRansform Acoustic Coding) cuts inaudible sounds and compresses music data to about 1/5. Since the data is selected based on psychoacoustics, the audible sound quality is less likely to be impaired. This device also uses a compression method called ATRAC3, which compresses music data to about 1/10 or 1/20. By using this method, it is possible to record 2x or 4x stereo for a long time.

Sound skip guard memory Information is always

stored in the semiconductor memory for about 10 seconds during playback. Therefore, even if the pickup cannot read the information temporarily due to an external impact, the sound can be played back without interruption by sending the accumulated information.

Consideration

9

"if you thought it was a malfunction

It may not be a malfunction in the following cases, so please check again before requesting repair. If you still feel unwell, refer to "Warranty and After-Sales Service" on page 80 and request repair.

"Is
it a

Mindrance?

If

you think

There is no sound from the speaker. $\dot{\gamma}$ Is the volume set to "0"? P.27 $\dot{\gamma}$ Are you connected to headphones? P.14

There is noise during playback. $\dot{\gamma}$ If there are devices such as TVs, PCs, mobile phones, etc. near this unit, keep them away.

It stopped working normally while I was pressing the button. $\dot{\gamma}$ Turn off the power and try the operation again. If it still does not work, perform a reset operation. P.75 The TV image is distorted or noisy. Common $\dot{\gamma}$ If a TV using an

indoor antenna is placed nearby, the TV may be distorted or noisy. In such cases, we recommend using an outdoor antenna.

Timer playback and timer recording do not work.

Time adjust

Also, when you check the time, "TIME ADJUST" is displayed. $\dot{\gamma}$

Did you unplug the power cord or have a power outage?

Please set the clock again. P.18

The display is dark.

display

Dimmer

off

$\dot{\gamma}$ Press the DISPLAY button on the remote control and select "DIMMER OFF". $\dot{\gamma}$ The display is lit even though

the power is off. $\dot{\gamma}$ Is the demo displayed? Please cancel the demo display. P.15



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Cannot be operated with the remote control. Or it does not work properly. $\dot{\gamma}$ Is the + -direction of the dry cell reversed?

$\dot{\gamma}$ P.16 $\dot{\gamma}$

Is the dry battery exhausted? $\dot{\gamma}$ Correctly

set the remote control transmitter to the remote control sensor of the main unit

Are you aiming? P.16 $\dot{\gamma}$ Is the

distance from the remote control sensor too far?

Or is it too close? P.16 $\dot{\gamma}$ Is the remote control

sensor exposed to strong light (inverter fluorescent lamp, direct sunlight, etc.)? P.16 $\dot{\gamma}$ Are you operating the remote controls of other devices at the same time?

The power does not turn on

with the remote control. $\dot{\gamma}$ Is the power cord connected? P.14

No disc

Cant lead

Even if MD is inserted, "MD NO DISC" and "Can't READ" are displayed. The playback sound is interrupted. $\dot{\gamma}$ Is the disc scratched? $\dot{\gamma}$ Are you using it in an unstable place with a lot of vibration? $\dot{\gamma}$ Is there a soup phenomenon?

I can't record. $\dot{\gamma}$ Is the MD erasure prevention knob open?

$\dot{\gamma}$ P.34

MD $\dot{\gamma}$ Trying to record on a playback-only MD (commercially available music software)

Isn't it? P.73

Disk full

Tok full

$\dot{\gamma}$ Is it "DISC FULL" or "TOC FULL"?

$\dot{\gamma}$ P.77

The group cannot be used on the MD recorded in the group.

Also, the name display is not displayed correctly. $\dot{\gamma}$ The TOC data may have been rewritten on another device.

I will.

Consideration

No disc Cant lead

Even if you insert a CD, "CD NO DISC" and "Can't READ" are displayed. The playback sound is interrupted. ¿ Is the front and back of the CD wrong? ¿ Is there any dirt or scratches? ¿ Are you using a non-standard CD? ¿ Are you using it in an unstable place with a lot of vibration? ¿ Is there a soup phenomenon? P.75 Even if I press the operation button, it does not work. Also, it will stop in the middle of the song and will not play correctly. ¿ Is the CD dirty or scratched? ¿ Are you using a non-standard CD? ¿ Are you using it in an unstable place with a lot of vibration? ¿ Is there a soup phenomenon? P.75 The playback sound is interrupted. ¿ Is the CD dirty or scratched? ¿ Are you using it in an unstable place with a lot of vibration? ¿ Is there a soup phenomenon? P.75

CD



Continuous sounds such as "sea" and "za" are included in the broadcast. ¿ Noise is generated when receiving a radio broadcast near a TV, computer, word processor, etc. In such cases, try moving away from areas where noise is likely to occur. ¿ Is the direction of the antenna wrong? P.25 I can't receive the radio broadcast well. There is a lot of noise. If there is a power cord near the antenna wire, release it.

Please.

The registered broadcasting station cannot be called.
¿ Did you unplug the power cord or have a power outage?
Please re-register. P.26
¿ Did you perform the reset operation?
Please re-register. P.26



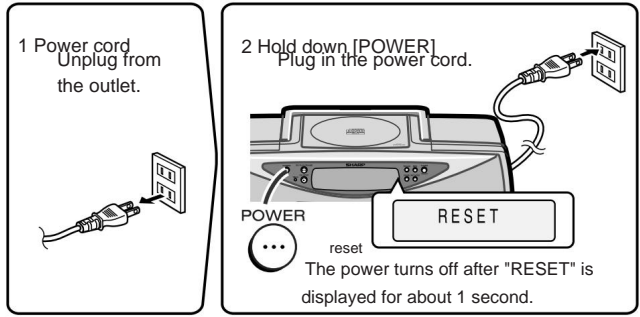
About the soup phenomenon

the following cases, soup (water droplets) may form on the internal lens or disc. • Immediately after turning on the heating. • When placed in a room filled with steam or humidity. • When you suddenly move from a cold place (room) to a warm room. If it gets soaked ... The signal on the disc may not be read and this product may not operate normally. To remove the soup ... If you remove the disc and turn on the power, the soup will be removed in about an hour and it will operate normally.

While using this product, it may not be displayed correctly if it receives strong external noise (such as shock, excessive static electricity, or

abnormal power supply voltage due to a lightning

strike) or if an incorrect operation is performed. An error may occur, such as not being able to accept operations. In such a case, perform the reset operation as follows. Reset operation



Note If you perform the reset operation, all the registered contents will be deleted.

"

Is it a

hindrance?

If


you think

When such a display appears

Display	No taste
BLANK MD	is recorded. You tried to record
Can't COPY	from a copy-protected CD. I can't copy my name.
Can't EDIT	MD cannot be edited. (Try editing another song.) I can't read
Can't READ * (* is a number or symbol.)	the disc information. Non-standard CDs and MDs. (Reinsert or replace the CD or MD.)
Can't REC	I couldn't record correctly due to shock or scratches on the disc. (Re-record or change the MD.) Timer recording
Can't T REC	is not possible. Or, there is no space available for recording on the MD. TOC information cannot be created
Can't WRITE	Correctly due to shock or scratches on the disc.
CD NO DISC	There is no CD in it.
DISC FULL	There is no space available for recording on the MD.
EDIT OVER	There is not enough MD recording time.
Er-MD ** (Turn off the power and then turn it on again. ** Is the sales symbol of your purchase. If a number or an error message appears, Please contact the store for repair.) An attempt was made to edit a group-recorded MD without setting it to group mode. The number of groups exceeds 99.	MD is not working properly.
GROUP DISC	
GROUP FULL	
MD NO DISC	MD is not included.

When such a display appears

1-BIT MD / CD SYSTEM SD-FX10

Display	The taste
NAME FULL	disc name, group name, and song name exceed 40 characters.
NO NAME	I tried to make a name memo even though there was no title.
NO TRACK	There is no song to play or edit. (Select a group with songs or a non-group.) Data
NOT AUDIO	that is not for audio is recorded. (Replace the CD or MD.)
PLAYBACK MD	I tried to record or edit on a play-only MD.
PROTECTED	MD is protected from accidental erasure.
TEMP OVER	The temperature has become too high. (Turn off the power and leave it for a while.)
TOC FORM ** (* is a number or symbol.)	The recorded TOC information cannot be read. (Please do an all-erase and re-record.)
TOC FULL	There is no space to register the song number.
TOC FULL 1	There is no space to register character information in TOC. Or, group recording is not possible. (Erase unnecessary disc names, group names, song names, or replace them with other MDs.)
WAIT ** m GUARD (** is a number.)	Recording at 4x speed (or 2x speed) is not possible. (Wait for recording for the displayed time or record at a constant speed.)
? DISC	I used an MD that contained something other than music (data, etc.). (MD containing data etc. cannot be played.)
? Gr. Form ý	Group recording and group editing are not possible. Erase the disk name and try again. (P.45)
NewForm.OK?	

MD system constraints

1-BIT MD / CD SYSTEM SD-FX10

at a time like this	If there is
Even if the maximum recording time of MD is not reached Disk full "DISC FULL" may be displayed.	a on the disc, it will not be possible to record that part automatically, so the recording time will be reduced. -MDs that have been recorded up to the maximum number of recorded songs (255 songs) cannot be recorded any more.
Meet the maximum number of recorded songs (255 songs) of MD Tok full Even if you do not have it, "TOC FULL" may be displayed.	-In the MD system, the recording location delimiter on the MD is registered in the TOC. Even if the number of songs does not reach the maximum (255 songs), even if the number of songs is not reached to the maximum (255 songs) by partially erasing and recording or editing repeatedly. Tok The TOC information will be full and you will not be able to record. Such MDs can be used from the beginning blank once all songs are erased and once set to "BLANK MD".
No matter how many short songs you erase, the remaining recording time may not increase.	-When displaying the remaining recording time of MD, short songs (stereo recording: 12 seconds, monaural recording-double long recording: 24 seconds, 4 times long recording: 48 seconds) may not be counted as songs. I have.
The sum of the time recorded on the MD and the remaining time may not match the maximum recording time.	-Usually, one cluster (about 2 seconds) is the minimum unit for recording, but even songs that are less than this use a space of about 2 seconds. Therefore, the actual recording time may be less than the displayed remaining time. Also, if there is a scratch on the MD, that part will not be automatically recorded, so the recording time will be reduced. (The number of seconds is the value during stereo recording (SP). It depends on the recording mode.)
You may not be able to connect songs to each other by editing.	-The combine function may not be available on MDs that have been repeatedly recorded and edited. -It is not possible to connect digitally recorded songs and analog recorded songs. -You cannot connect songs with different recording modes (monaural recording, stereo recording, 2x longer recording, 4x longer recording).
If you fast forward / rewind a recorded song, the sound may be interrupted.	-In MDs that have been recorded and edited repeatedly, the sound may be interrupted during fast forward / rewind.
If you enter "LP:" at the beginning of the title, it may not be displayed.	ÿ If you enter "LP:" at the beginning of the song title of a song that has been recorded for 2x or 4x longer (LP2 / LP4), "LP:" will not be displayed. Enter a symbol or character other than ":" after "LP".

9

About music copyright

Musical works such as broadcasts, records, discs and tapes are protected by copyright law. Therefore, the permission of the right holder is required in the following cases.
 Tapes recorded from broadcasts, records, discs, tapes, etc.

When selling, distributing, giving away, lending MD, etc.
 Records, discs, tapes for profit (store BGM, etc.)

When playing etc. For more information, applications, and other procedures, please contact the Headquarters of the Music Copyright Association or the branch of Momoyori. • The price of this product includes private copying levy as required by copyright law.

Contact: Private Copy Levy Management Association (03) 5353-0336

Japanese Society for Rights of Authors of Music

Headquarters (03) 3481-2121
 Yokohama Branch (045) 662-6551
 Hokkaido Branch (011) 21-25088
 Shizuoka Branch (054) 522-3262
 Chiba Branch (043) 583-7590
 Sendai branch (022) 264-2266
 Nagasaki Branch (092) 285-2211
 Fukuoka Branch (092) 285-2211
 Kyoto branch (075) 250-1134
 Omiya branch (03) 624-0563
 Saitama branch (043) 3832-1033
 Kobe branch (078) 322-0566
 Chiba branch (043) 5321-9530
 Naha Branch (098) 863-1228.

About the copyright of sound music / About the maintenance

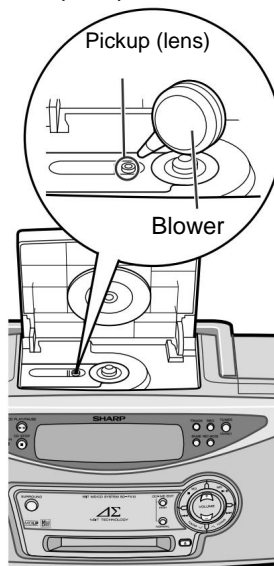


0303

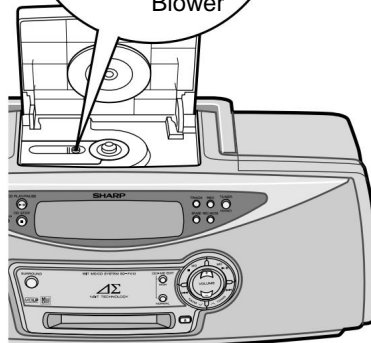
About care

1-BIT MD / CD SYSTEM SD-FX10

CD pickup



If the pickup (lens) becomes dusty or dirty, it may cause skipping or malfunction. If it gets dusty, clean it with a commercially available blower for cleaning camera lenses.



Precautions • Be careful not to touch the pickup (lens) with your hands. • Keep the CD pig closed when not in use. • Be careful not to scratch the lens.

Wipe

lightly with a soft cloth. If it is very dirty, squeeze a cloth soaked in water and wipe it off, then finish with a dry cloth.

Notice

Do not use benzine, thinner, etc. It may deteriorate or the paint may come off. Notice



Do not lubricate. It will be the cause of the failure.

specification

1-BIT MD / CD SYSTEM SD-FX10

9

Finish
looks

Specifications and appearance are subject to change without notice for improvement. note that.

Mini disc part	
Format Minidisc Digital Audio System	
Recording method Magnetic field modulation overwrite method	
Reading method Non-contact optical reading method (Uses semiconductor laser)	
Rotation speed about 400-900 rpm	
Error correction method Advanced cross interleaving Reed-Solomon Code (ACIRC)	
Audio compression / ATRAC (Adaptive TRansform)	
Decompression method Acoustic Coding) / ATRAC3 (MDLP)	
Number of channels 2 stereo channels / 1 monaural channel	
Sampling frequency 44.1 kHz	
Frequency characteristics 20 to 20,000 Hz (+ 1 / -3dB) (JEITA)	
Wow and flutter measurement limit ($\pm 0.001\%$ W.PEAK) or less (JEITA)	

Compact disc player	
Format Compact Disc Digital Audio System	
Reading method Non-contact optical reading method (using semiconductor laser)	
Number of channels Stereo 2 channels	
Frequency characteristics 20 to 20,000 Hz (+ 1 / -3dB) (JEITA)	
Wow and flutter measurement limit ($\pm 0.001\%$ W.PEAK) or less (JEITA)	

Remote control unit	
power supply DC 3 V (AA batteries included x 2)	

Tuner section	
Reception frequency	FM: 76.0 to 108.0 MHz (TV audio 1 to 3CH) AM: 522 ~ 1,629 kHz
Circuit method	Quartz digital synthesizer method Superheterodyne FM / AM tuner
antenna	FM: Rod antenna AM: Dedicated loop antenna (included)

Timer / clock section	
	Digital clock with date function
Format timer	Daily timer / Once timer / Sleep timer

Common part	
Speaker 8 cm full-range speaker (4 \bar{y}) x 2	
Practical maximum output 3 W + 3 W (JEITA)	
A / D noise shaping 7th order \bar{y} (delta sigma) modulation	
Output terminal Headphone output: 16 to 50 \bar{y} (recommended 32 \bar{y}) 3.5 mm diameter stereo mini jack x 1	
Antenna terminal AM dedicated socket	
Other terminals AC socket (100 V AC) x 1	
Power supply 100 V AC, 50/60 Hz	
Power consumption AC 23 W	
Maximum external dimensions 420 (width) x 153.5 (height) x 226.3 (depth) mm (JEITA)	
mass	About 4.5 kg

Consideration

Warranty (back cover)
<ul style="list-style-type: none">● Please check the "date of purchase / store name" and other information on the warranty card before receiving it from the store. Please read the contents of the warranty carefully and save it in a safe place.● Warranty period One year from the date of purchase. Please read the warranty carefully as you may be charged even during the warranty period.


Retention period of performance parts for repair
<ul style="list-style-type: none">● We have been holding the repair performance parts for 1-bit MD / CD systems for 8 years after the production was discontinued.● Performance parts for repair are parts necessary to maintain the function of the product.

If you have any questions or have any questions regarding repairs
<ul style="list-style-type: none">● If you have any questions or concerns regarding repairs, please contact the store where you purchased the product or the Sharp Customer Service Center (page 81).

Bring-in repair when requesting repair								
<p>"Is it a malfunction? Check "If you think" (pages 74-75). If any problems still occur, stop using the product, be sure to unplug the power plug, and then contact the store where you purchased the product.</p> <p>Please present the warranty card for repairs. The dealer will repair it according to the provisions of the warranty card.</p> <p>When the warranty period has expired</p> <p>If it can be used after repair, we will repair it for a fee if you wish.</p> <p>The repair fee consists of the technical fee and parts fee.</p> <table><tr><td>Technical fee</td><td>This is the fee for repairing a defective product normally.</td></tr><tr><td>Parts price</td><td>This is the parts price used for repair. To our customers ... It is convenient to enter the date of purchase and the name of the store.</td></tr></table> <table><tr><td>Date of purchase</td><td>Dealer name</td></tr><tr><td>Date</td><td>Telephone (-)</td></tr></table>	Technical fee	This is the fee for repairing a defective product normally.	Parts price	This is the parts price used for repair. To our customers ... It is convenient to enter the date of purchase and the name of the store.	Date of purchase	Dealer name	Date	Telephone (-)
Technical fee	This is the fee for repairing a defective product normally.							
Parts price	This is the parts price used for repair. To our customers ... It is convenient to enter the date of purchase and the name of the store.							
Date of purchase	Dealer name							
Date	Telephone (-)							

Certificate and after-sales service

Consideration

Affection che	Check the audio equipment you have been using for many years! y
	<ul style="list-style-type: none">• The power cord and plug are abnormally hot.• There is a smoky smell.• Is there any deep scratches or deformation on the power cord?• There are other abnormalities or failures.

Discontinue use
To prevent breakdowns and accidents, turn off the power switch, unplug the power cord from the outlet, and be sure to ask your dealer for inspection. Please consult your dealer for the cost of inspection and repair.

For inquiries and requests regarding repair, handling, and maintenance, please contact the store where you purchased the product.

If you cannot consult the store listed on the warranty card due to moving or gifts, please contact the following window. y

- For inquiries regarding product

failures and parts purchases, please contact the Repair Consultation Center.

- If you have any questions about how

to handle the product, please contact the Customer Support Center.

Customer Service Center

y Reception hours: * Monday-Saturday: 9:00 am to 6:00 pm.

* Sundays and public holidays: 10:00 am to 5:00 pm (excluding the year-end and New Year holidays)

East Japan Counseling Room	TEL 043-297-4649 043-299-8280	FAX
	1-9-2 Nakase, Mihama-ku, Chiba-shi, Chiba 261-8520	
West Japan Counseling Room	TEL 06-6621-4649 06-6792-5993	FAX
	3-1-72, Kitakamei-cho, Yao-shi, Osaka 581-8585	

- Please note that the location and telephone number are subject to change.

Repair consultation center

- Repair consultation center (excluding Okinawa / Amami area) y Reception hours: * Monday

to Saturday: 9:00 am to 6:00 pm * Sundays and holidays: 10:00 am to 5:00 pm (excluding the year-end and New Year holidays)



0570-02-4649 This dial can be used from anywhere in the country at a flat rate. y Before the ringing tone, NTT will inform you of the estimated call charge. (Note) Please call the following from your mobile phone or PHS. y

- For mobile phone / PHS use ... (Landline) 043-299-3863 06-6792-5511 • When sending a fax ... (FAX) 043-299-3865 06-6792-3221 • For Okinawa / Amami area, please contact "Naha Service Center" in the table below. y For consultations on carry-on repairs and parts purchases, in addition to the above "Repair

Consultation Center",

You can also contact us at the following district counters. y

y Reception hours: * Monday-Saturday: 9:00 am-5:30 pm (excluding holidays and other holidays) y

[However, Okinawa / Amami area] ... * Monday-Friday: 9:00 am-5:30 pm (excluding holidays and other holidays).

Area of responsibility	Base name	Phone number	Postal code	Location
Hokkaido District	Tag Hood Service Center	011-841-4685 y063-0801	1-7-3-17 Nijuyonken 1 Jo,	Nishi-ku, Sapporo City
Tohoku District	Sendai Service Center	022-288-9142 y984-0002	Wakabayashi-ku, Sendai-ku	Wholesale Town East 3-1-27
Kanto area	Saitama Service Center	048-666-7987 2-107-2	Miyahara-cho,	Kita-ku, Saitama 331-0812
	Utsunomiya Service Center	028-637-1179 4-2-41	Fudo-mae, Utsunomiya-shi,	320-0833
	Tokyo Technical Center	03-5692-7765	Tama Service Center,	2-13-17 Higashi-Tabata, Kita-ku, Tokyo 114-0013
	042-586-6059 5-5-4	Hinodai, Hino-shi,	191-0003, Shizuoka Service Center	047-368- 4766 Yokohama Service Center
Tokai district	295-1 Minorudai,	Matsudo 270-2231		
	045-753-4647 Shizuoka Service Center	0543-44-5781 1-2-23	Nakahara, Isoko-ku, Yokohama	
	235-0036 Shizuoka	424-0067 Shimizu, Shizuoka	1170-1, Torisaka Nagoya Service Center	
Hokuriku District	052-332-2623 3-5-5 Sanno,	Nakagawa-ku, Nagoya	454-8721	
	076-249-2434 4-103 Okyozuka,	Nonoichi-cho, Ishikawa-gun,	921-8801	
	Kyoto Service Center	075-672-2378 y601-8102	48 Kamitoba Sugatacho,	Minami-ku, Kyoto
Kinki district	City Osaka Technical Center	06-6794-5611 3-7-19	Kamiminami,	Hirano-ku, Osaka
	547-8510 Shinto Service Center	078-453-4651 1-6-18	Uozaki Kitamachi,	Hirano-ku, Kobe 658-0082
Kyushu District	Hiroshima Service Center	082-874-8149 y731-0113	2-13-4 Nishihara,	Ansa Minami-ku,
Hiroshima City	Shikoku District Takamatsu Service Center	087-823-4901 y760-0065	6-2 Asahimachi,	Takamatsu
City-8 Kyushu	District Fukuoka Service Center	092-572-4652 y816-0081	2-12-1 Isoda,	Hakata-ku, Fukuoka
City Okinawa / Amami District	Naha Service Center	098-861-0866 y900-0002	Akira 2 Naha City	-10-1

- Please note that the location and telephone number are subject to change. y

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Customer's

Consideration

MEMO 1-BIT MD/CD SYSTEM SD-FX10

<Free training regulations>

1. If the product breaks down within the warranty period under normal use according to the instruction manual, caution label, etc., the store where you purchased the product will repair it free of charge. 2. Even within the warranty period, repairs will be charged in the following cases. (B)

If this document is not presented. (B) If the date of purchase, customer name, or store name is not entered in this manual, or if the wording is rewritten. (C) Failure or damage due to incorrect use or improper repair or modification. (D) Failure or damage caused by dropping the product after purchase. (E) Failures or damages caused by external causes such as fire, pollution, abnormal voltage, earthquake, lightning, storm and flood damage, and other natural disasters. (F) Failure / damage when used for purposes other than general household use (for example, for business use). (G) When consumable parts (dry batteries) are worn out and need to be replaced. (H) Failure or damage due to battery leakage.

(I) Customers are responsible for the shipping costs, etc. when the products subject to carry-on repair are sent directly to the manufacturer. In addition, if a business trip is repaired, the business trip fee will be borne by the customer. 3. This document is valid only in Japan. ý This warranty guarantees

free repair under the period and conditions specified in this manual. Therefore, this warranty does not limit your legal rights. If you are unsure about repairs after the warranty period has expired, contact the store where you purchased the product or the Sharp Customer Service Center. Please contact us.

ý For details on the retention period of repair or repair performance parts after the warranty period has expired, refer to the instruction manual.

Repair memo

Consideration

SHARP

Sharp MD / CD System Warranty Sharp 1-bit MD / CD System Warranty

Bring-in repair

Model name	SD-FX10
<div> <div>Customer</div> <div>looks</div> <div>aaaaa</div> </div>	
Furigana name	
Address	
Dealer name	
address / phone number	
<div> <div>Date of purchase from the date of purchase</div> <div>The main body is one year However, consumables are excluded</div> </div>	

This document promises to repair free of charge within the scope of the description. If a malfunction occurs during the warranty period, contact the shop where you purchased the product for repair and present this manual. If there is any omission in the date of purchase, the name of the store, etc., it will be invalid. If there is no entry, please contact the store where you purchased the product. If you cannot request repairs from the store where you purchased the product due to a move or gift, please refer to the "Customer Service Desk Information" described in the instruction manual. Please contact our customer service center. This document will not be reissued. Please keep it in a safe place.

シャープ株式会社

22-22 Nagaike-cho, Abeno-ku, Osaka 545-8522

Telephone (06) 6621-1221 (Representative)

• For product inquiries ...

	Counseling Office TEL 043-297-4649 East Japan	FAX 043-299-8280
	Counseling Room . TEL 06-6621-4649 West Japan	FAX 06-6792-5993
yReception Hoursy Monday-Saturday: 9 am-6pm Sundays and public holidays: 10 am-5pm (excluding year-end and New Year holidays)		

シャープ株式会社

Headquarters y545-8522
22-22 Nagaikecho, Abeno-ku, Osaka

AV system y739-0192 y Business
Headquarters 2-13-1, Hachihonmatsuiida, Higashi-Hiroshima City

• For repair consultation ...

Please refer to "Information for Customer Service Center" on page 81.

• Sharp homepage

<http://www.sharp.co.jp/>

Printed in China
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